

## Materials & Chemical Resistance Information

### FEP

Chemical Designation:

Norm: FEP

FEP

|                          |               |                       |                         |                    |                 |
|--------------------------|---------------|-----------------------|-------------------------|--------------------|-----------------|
| <b>chemical:</b>         |               | <b>acetaldehyde</b>   |                         |                    |                 |
| <b>chemical formula:</b> |               | {CH <sub>3</sub> CHO} |                         |                    |                 |
| <b>chemical group:</b>   |               | AL/K                  | <b>CAS-No.:</b> 75-07-0 | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>         | <b>Value:</b>           | <b>Resistance:</b> | <b>Remarks:</b> |
| 40                       | %             | RT                    | °C                      | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>         | <b>Value:</b>           | <b>Resistance:</b> | <b>Remarks:</b> |
| 40                       | %             | 50                    | °C                      | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>         | <b>Value:</b>           | <b>Resistance:</b> | <b>Remarks:</b> |
| 40                       | %             | 75                    | °C                      | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>         | <b>Value:</b>           | <b>Resistance:</b> | <b>Remarks:</b> |
| 40                       | %             | 100                   | °C                      | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>         | <b>Value:</b>           | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | RT                    | °C                      | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>         | <b>Value:</b>           | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | 50                    | °C                      | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>         | <b>Value:</b>           | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | 75                    | °C                      | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>         | <b>Value:</b>           | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | 100                   | °C                      | resistant          |                 |

|                          |               |                                      |                         |                    |                 |
|--------------------------|---------------|--------------------------------------|-------------------------|--------------------|-----------------|
| <b>chemical:</b>         |               | <b>Acetamide</b>                     |                         |                    |                 |
| <b>chemical formula:</b> |               | {CH <sub>3</sub> CONH <sub>2</sub> } |                         |                    |                 |
| <b>chemical group:</b>   |               | AMID                                 | <b>CAS-No.:</b> 60-35-5 | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>                        | <b>Value:</b>           | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | RT                                   | °C                      | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>                        | <b>Value:</b>           | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | 50                                   | °C                      | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>                        | <b>Value:</b>           | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | 75                                   | °C                      | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>                        | <b>Value:</b>           | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | 100                                  | °C                      | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>                        | <b>Value:</b>           | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | 125                                  | °C                      | resistant          | technical pure  |

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|                          |                                      |                 |               |                    |                 |
|--------------------------|--------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Acetamide</b>                     |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> CONH <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | AMID                                 | <b>CAS-No.:</b> | 60-35-5       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                    | 150             | °C            | resistant          | technical pure  |
| <b>chemical:</b>         | <b>Acetic acid</b>                   |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> COOH}               |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC                                 | <b>CAS-No.:</b> | 64-19-7       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                                    | 50              | °C            | resistant          | aqueous         |
| 10                       | %                                    | 75              | °C            | resistant          | aqueous         |
| 10                       | %                                    | 100             | °C            | resistant          | aqueous         |
| 10                       | %                                    | 125             | °C            | resistant          | aqueous         |
| 10                       | %                                    | 150             | °C            | resistant          | aqueous         |
| 50                       | %                                    | 75              | °C            | resistant          | aqueous         |
| 50                       | %                                    | 100             | °C            | resistant          | aqueous         |
| 50                       | %                                    | 125             | °C            | resistant          | aqueous         |
| 50                       | %                                    | 150             | °C            | resistant          | aqueous         |
| UV                       | %                                    | 25              | °C            | resistant          | technical pure  |
| UV                       | %                                    | 50              | °C            | resistant          | technical pure  |
| UV                       | %                                    | 75              | °C            | resistant          | technical pure  |
| UV                       | %                                    | 100             | °C            | resistant          | technical pure  |
| UV                       | %                                    | 125             | °C            | resistant          | technical pure  |
| UV                       | %                                    | 150             | °C            | resistant          | technical pure  |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>acetone</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> COCH <sub>3</sub> - C <sub>3</sub> H <sub>6</sub> O} |                 |               |                    |                 |
| <b>chemical group:</b>   | AL/K  | <b>CAS-No.:</b> | 67-64-1       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %   | 150             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 50              | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 75              | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 100             | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 125             | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 150             | °C            | resistant          | technical pure  |

|                          |                      |                 |               |                    |                 |
|--------------------------|----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Acetonitrile</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> CN} |                 |               |                    |                 |
| <b>chemical group:</b>   | NITR                 | <b>CAS-No.:</b> | 75-05-08      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | 150             | °C            | resistant          |                 |

|                          |                     |                 |               |                    |                 |
|--------------------------|---------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Acetophenone</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C6H5COCH3}         |                 |               |                    |                 |
| <b>chemical group:</b>   | ARHC                | <b>CAS-No.:</b> | 98-86-2       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 150             | °C            | resistant          |                 |

|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Acetyl chloride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH3COCl}              |                 |               |                    |                 |
| <b>chemical group:</b>   | CFHC                   | <b>CAS-No.:</b> | 75-36-5       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                      | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                      | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                      | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                      | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                      | 150             | °C            | resistant          |                 |

|                          |                     |                 |               |                    |                 |
|--------------------------|---------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Acrylic acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH2CHCOOH}         |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC                | <b>CAS-No.:</b> | 79-10-7       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 125             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Acrylic acid</b>      |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>2</sub> CHCOOH} |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC                     | <b>CAS-No.:</b> | 79-10-7       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 150             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Acrylonitrile</b>     |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>2</sub> :CHCN } |                 |               |                    |                 |
| <b>chemical group:</b>   | NITR                     | <b>CAS-No.:</b> | 107-13-1      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | RT              | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 50              | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 75              | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 100             | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 125             | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 150             | °C            | resistant          | technical pure  |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Allyl alcohol</b>                    |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>2</sub> :CHCH <sub>2</sub> OH} |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC                                    | <b>CAS-No.:</b> | 107-18-6      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 96                       | %                                       | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 96                       | %                                       | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 96                       | %                                       | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 96                       | %                                       | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 96                       | %                                       | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 96                       | %                                       | 150             | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Allyl chloride</b>                   |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>2</sub> :CHCH <sub>2</sub> Cl} |                 |               |                    |                 |
| <b>chemical group:</b>   | CFHC                                    | <b>CAS-No.:</b> | 107-05-1      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                       | RT              | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Allyl chloride</b>                   |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>2</sub> :CHCH <sub>2</sub> Cl} |                 |               |                    |                 |
| <b>chemical group:</b>   | CFHC                                    | <b>CAS-No.:</b> | 107-05-1      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                       | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                       | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                       | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                       | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                       | 150             | °C            | resistant          |                 |

|                          |                           |                 |               |                    |                            |
|--------------------------|---------------------------|-----------------|---------------|--------------------|----------------------------|
| <b>chemical:</b>         | <b>Aluminium chloride</b> |                 |               |                    |                            |
| <b>chemical formula:</b> | {AlCl <sub>3</sub> }      |                 |               |                    |                            |
| <b>chemical group:</b>   | SALT                      | <b>CAS-No.:</b> | 7446-70-0     | <b>Syn-No.:</b>    |                            |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                         | RT              | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                         | 50              | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                         | 75              | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                         | 125             | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                         | 150             | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| 10                       | %                         | RT              | °C            | resistant          |                            |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| 10                       | %                         | 50              | °C            | resistant          |                            |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| 10                       | %                         | 75              | °C            | resistant          |                            |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| 10                       | %                         | 100             | °C            | resistant          |                            |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| 10                       | %                         | 100             | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| 10                       | %                         | 125             | °C            | resistant          |                            |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| 10                       | %                         | 150             | °C            | resistant          |                            |

|                          |                           |                 |               |                    |                            |
|--------------------------|---------------------------|-----------------|---------------|--------------------|----------------------------|
| <b>chemical:</b>         | <b>Aluminium fluoride</b> |                 |               |                    |                            |
| <b>chemical formula:</b> | {AlF <sub>3</sub> }       |                 |               |                    |                            |
| <b>chemical group:</b>   | SALT                      | <b>CAS-No.:</b> | 7784-18-1     | <b>Syn-No.:</b>    |                            |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                         | RT              | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                         | 50              | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                         | 75              | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                         | 100             | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                         | 125             | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                         | 150             | °C            | resistant          | saturated aqueous solution |

|                          |                            |                 |               |                    |                            |
|--------------------------|----------------------------|-----------------|---------------|--------------------|----------------------------|
| <b>chemical:</b>         | <b>Aluminium hydroxide</b> |                 |               |                    |                            |
| <b>chemical formula:</b> | {Al(OH) <sub>3</sub> }     |                 |               |                    |                            |
| <b>chemical group:</b>   | IOBA                       | <b>CAS-No.:</b> | 21645-51-2    | <b>Syn-No.:</b>    |                            |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                          | RT              | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                          | 50              | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                          | 75              | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                          | 100             | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                          | 125             | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                          | 150             | °C            | resistant          | saturated aqueous solution |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Aluminium sulphate</b>                          |                 |               |                    |                 |
| <b>chemical formula:</b> | {Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT   | <b>CAS-No.:</b> | 10043-01-3    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %  | RT              | °C            | resistant          | aqueous         |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %  | 75              | °C            | resistant          | aqueous         |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %  | 100             | °C            | resistant          | aqueous         |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %  | 100             | °C            | resistant          | aqueous         |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Aluminium sulphate</b>                          |                 |               |                    |                 |
| <b>chemical formula:</b> | {Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT   | <b>CAS-No.:</b> | 10043-01-3    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %  | 125             | °C            | resistant          | aqueous         |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %  | 150             | °C            | resistant          | aqueous         |

|                          |                                |                 |               |                    |                 |
|--------------------------|--------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Ammonia (anhydrous gas)</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {NH <sub>3</sub> }             |                 |               |                    |                 |
| <b>chemical group:</b>   | IOBA                           | <b>CAS-No.:</b> | 7664-41-7     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                              | RT              | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                              | 50              | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                              | 100             | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                              | 125             | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                              | 150             | °C            | resistant          | technical pure  |

|                          |                                       |                 |               |                    |                            |
|--------------------------|---------------------------------------|-----------------|---------------|--------------------|----------------------------|
| <b>chemical:</b>         | <b>Ammonium acetate</b>               |                 |               |                    |                            |
| <b>chemical formula:</b> | {CH <sub>3</sub> COONH <sub>4</sub> } |                 |               |                    |                            |
| <b>chemical group:</b>   | SALT                                  | <b>CAS-No.:</b> | 631-61-8      | <b>Syn-No.:</b>    |                            |
| <b>Conc.:</b>            | <b>Value:</b>                         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                                     | RT              | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>                         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                                     | 50              | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>                         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                                     | 75              | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>                         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                                     | 100             | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>                         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                                     | 125             | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>                         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                                     | 150             | °C            | resistant          | saturated aqueous solution |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Ammonium carbonate</b>                          |                 |               |                    |                 |
| <b>chemical formula:</b> | {(NH <sub>4</sub> ) <sub>2</sub> CO <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT   | <b>CAS-No.:</b> | 506-87-6      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %  | 20              | °C            | resistant          | aqueous         |



|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Ammonium carbonate</b>                          |                 |               |                    |                 |
| <b>chemical formula:</b> | {(NH <sub>4</sub> ) <sub>2</sub> CO <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT   | <b>CAS-No.:</b> | 506-87-6      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %  | 50              | °C            | resistant          | aqueous         |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %  | 75              | °C            | resistant          | aqueous         |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %  | 100             | °C            | resistant          | aqueous         |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %  | 125             | °C            | resistant          | aqueous         |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %  | 150             | °C            | resistant          | aqueous         |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Ammonium chloride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {NH <sub>4</sub> CL}     |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                     | <b>CAS-No.:</b> | 12125-02-9    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | RT              | °C            | resistant          | saturated       |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 50              | °C            | resistant          | saturated       |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 75              | °C            | resistant          | saturated       |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 100             | °C            | resistant          | saturated       |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 125             | °C            | resistant          | saturated       |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 150             | °C            | resistant          | saturated       |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Ammonium fluoride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {NH <sub>4</sub> F}      |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                     | <b>CAS-No.:</b> | 12125-01-8    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | RT              | °C            | resistant          | all aqueous     |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 50              | °C            | resistant          | all aqueous     |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 75              | °C            | resistant          | all aqueous     |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 100             | °C            | resistant          | all aqueous     |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 125             | °C            | resistant          | all aqueous     |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Ammonium fluoride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {NH <sub>4</sub> F}      |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                     | <b>CAS-No.:</b> | 12125-01-8    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 150             | °C            | resistant          | all aqueous     |

|                          |                           |                 |               |                    |                            |
|--------------------------|---------------------------|-----------------|---------------|--------------------|----------------------------|
| <b>chemical:</b>         | <b>Ammonium hydroxide</b> |                 |               |                    |                            |
| <b>chemical formula:</b> | {NH <sub>4</sub> OH}      |                 |               |                    |                            |
| <b>chemical group:</b>   | IOBA                      | <b>CAS-No.:</b> | 1336-21-6     | <b>Syn-No.:</b>    |                            |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| UV                       | %                         | RT              | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| UV                       | %                         | 50              | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| UV                       | %                         | 75              | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| UV                       | %                         | 100             | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| UV                       | %                         | 125             | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| UV                       | %                         | 150             | °C            | resistant          | saturated aqueous solution |

|                          |                                      |                 |               |                    |                 |
|--------------------------|--------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Ammonium nitrate (fertilizer)</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {NH <sub>4</sub> NO <sub>3</sub> }   |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                                 | <b>CAS-No.:</b> | 6484-52-2     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                                    | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                                    | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                                    | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                                    | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                                    | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                                    | 150             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                    | RT              | °C            | resistant          | saturated       |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                    | 50              | °C            | resistant          | saturated       |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                    | 75              | °C            | resistant          | saturated       |

|                          |                                      |                 |               |                    |                 |
|--------------------------|--------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Ammonium nitrate (fertilizer)</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {NH <sub>4</sub> NO <sub>3</sub> }   |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                                 | <b>CAS-No.:</b> | 6484-52-2     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                    | 100             | °C            | resistant          | saturated       |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                    | 150             | °C            | resistant          | saturated       |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Ammonium phosphate (fertilizer)</b>              |                 |               |                    |                 |
| <b>chemical formula:</b> | {(NH <sub>4</sub> ) <sub>2</sub> HPO <sub>4</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT  | <b>CAS-No.:</b> | 7783-28-0     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | RT              | °C            | resistant          | saturated       |
| <b>Conc.:</b>            | <b>Value:</b>                                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 50              | °C            | resistant          | saturated       |
| <b>Conc.:</b>            | <b>Value:</b>                                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 75              | °C            | resistant          | saturated       |
| <b>Conc.:</b>            | <b>Value:</b>                                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 100             | °C            | resistant          | saturated       |
| <b>Conc.:</b>            | <b>Value:</b>                                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 125             | °C            | resistant          | saturated       |
| <b>Conc.:</b>            | <b>Value:</b>                                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 150             | °C            | resistant          | saturated       |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Amyl acetate</b>                                  |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> COOC <sub>5</sub> H <sub>11</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ESTR   | <b>CAS-No.:</b> | 628-73-7      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | RT              | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 50              | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 75              | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 100             | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 125             | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 150             | °C            | resistant          | technical pure  |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Amyl chloride</b>   |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> (CH <sub>2</sub> ) <sub>3</sub> CH <sub>2</sub> Cl} |                 |               |                    |                 |
| <b>chemical group:</b>   | CFHC   | <b>CAS-No.:</b> | 543-59-9      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Aniline</b>                                   |                 |               |                    |                 |
| <b>chemical formula:</b> | {C <sub>6</sub> H <sub>5</sub> NH <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | AMIN   | <b>CAS-No.:</b> | 62-53-3       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 150             | °C            | resistant          |                 |

|                          |                             |                 |               |                    |                 |
|--------------------------|-----------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Antimony trichloride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {SbCl <sub>3</sub> }        |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                        | <b>CAS-No.:</b> | 10025-91-9    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 90                       | %                           | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 90                       | %                           | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 90                       | %                           | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 90                       | %                           | 100             | °C            | resistant          |                 |

|                          |                             |                 |               |                    |                 |
|--------------------------|-----------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Antimony trichloride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {SbCl <sub>3</sub> }        |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                        | <b>CAS-No.:</b> | 10025-91-9    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 90                       | %                           | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 90                       | %                           | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Aqua regia concentration:HCl/HNO<sub>3</sub>(65%/35%)=2/1</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {HNO <sub>3</sub> +HCl}  |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC   | <b>CAS-No.:</b> | 8007-56-5     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 125             | °C            | resistant          |                 |

|                          |                                    |                 |               |                    |                 |
|--------------------------|------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Arsenic acid</b>                |                 |               |                    |                 |
| <b>chemical formula:</b> | {H <sub>3</sub> AsO <sub>4</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   |                                    | <b>CAS-No.:</b> | 7778-39-4     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 80                       | %                                  | 20              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 80                       | %                                  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 80                       | %                                  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 80                       | %                                  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 80                       | %                                  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 80                       | %                                  | 150             | °C            | resistant          |                 |

|                          |                     |                 |               |                    |                 |
|--------------------------|---------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Barium salts</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                  |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                | <b>CAS-No.:</b> | 7440-39-3     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                   | RT              | °C            | resistant          |                 |

|                          |                     |                 |               |                    |                 |
|--------------------------|---------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Barium salts</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                  |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                | <b>CAS-No.:</b> | 7440-39-3     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                   | 150             | °C            | resistant          |                 |

|                          |                     |                 |               |                    |                 |
|--------------------------|---------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Benzaldehyde</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C6H5CHO}           |                 |               |                    |                 |
| <b>chemical group:</b>   | AL/K                | <b>CAS-No.:</b> | 100-52-7      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                   | 120             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                   | 150             | °C            | resistant          |                 |

|                          |                |                 |               |                    |                 |
|--------------------------|----------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Benzene</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C6H6}         |                 |               |                    |                 |
| <b>chemical group:</b>   | ARHC           | <b>CAS-No.:</b> | 71-43-2       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | 150             | °C            | resistant          |                 |

|                          |                             |                 |               |                    |                 |
|--------------------------|-----------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Benzenesulfonic acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C6H5SO3H}                  |                 |               |                    |                 |
| <b>chemical group:</b>   |                             | <b>CAS-No.:</b> | 98-11-3       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                           | 20              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                           | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                           | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                           | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                           | 120             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                           | 125             | °C            | resistant          |                 |

|                          |                     |                 |               |                    |                 |
|--------------------------|---------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Benzoic acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C6H5COOH}          |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC                | <b>CAS-No.:</b> | 65-85-0       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 150             | °C            | resistant          |                 |

|                          |                         |                 |               |                    |                 |
|--------------------------|-------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Benzoyl chloride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C6H5COCl}              |                 |               |                    |                 |
| <b>chemical group:</b>   |                         | <b>CAS-No.:</b> | 98-88-4       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 100                      | %                       | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 100                      | %                       | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 100                      | %                       | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 100                      | %                       | 100             | °C            | resistant          |                 |

|                          |                         |                 |               |                    |                 |
|--------------------------|-------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Benzoyl chloride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C6H5COCl}              |                 |               |                    |                 |
| <b>chemical group:</b>   |                         | <b>CAS-No.:</b> | 98-88-4       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 100                      | %                       | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 100                      | %                       | 150             | °C            | resistant          |                 |

|                          |                       |                 |               |                    |                 |
|--------------------------|-----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Benzyl alcohol</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C6H5CH2OH}           |                 |               |                    |                 |
| <b>chemical group:</b>   | ALCO                  | <b>CAS-No.:</b> | 100-51-6      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | 150             | °C            | resistant          |                 |

|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Benzyl chloride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C6H5CH2Cl}            |                 |               |                    |                 |
| <b>chemical group:</b>   | ARHC                   | <b>CAS-No.:</b> | 100-44-7      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                      | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                      | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                      | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                      | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                      | 150             | °C            | resistant          |                 |



|                          |                     |                 |               |                    |                 |
|--------------------------|---------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Boracic acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {H3BO3}             |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC                | <b>CAS-No.:</b> | 10043-35-3    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 150             | °C            | resistant          |                 |

|                          |               |                 |               |                    |                 |
|--------------------------|---------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Borax</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {Na2B4O7}     |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT          | <b>CAS-No.:</b> | 1303-43-4     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %             | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %             | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %             | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %             | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %             | 150             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Boron trifluoride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {BF3}                    |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE                     | <b>CAS-No.:</b> | 7637-07-2     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | RT              | °C            | resistant          | 100% gas        |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 50              | °C            | resistant          | 100% gas        |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 75              | °C            | resistant          | 100% gas        |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 100             | °C            | resistant          | 100% gas        |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 125             | °C            | resistant          | 100% gas        |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Boron trifluoride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {BF3}                    |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE                     | <b>CAS-No.:</b> | 7637-07-2     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 150             | °C            | resistant          | 100% gas        |

|                          |                         |                 |               |                    |                 |
|--------------------------|-------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Bromine (liquid)</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {Br2 }                  |                 |               |                    |                 |
| <b>chemical group:</b>   | HALO                    | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                       | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                       | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                       | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                       | 100             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Bromine (vapours)</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {Br2}                    |                 |               |                    |                 |
| <b>chemical group:</b>   | HALO                     | <b>CAS-No.:</b> | 7726-95-6     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 100             | °C            | resistant          |                 |

|                          |                      |                 |               |                    |                 |
|--------------------------|----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Bromine water</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {Br-H2O}             |                 |               |                    |                 |
| <b>chemical group:</b>   | HALO                 | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 3                        | %                    | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 3                        | %                    | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 3                        | %                    | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 3                        | %                    | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 3                        | %                    | 125             | °C            | resistant          |                 |

|                          |                     |                 |               |                    |                 |
|--------------------------|---------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Bromomethane</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH3Br}             |                 |               |                    |                 |
| <b>chemical group:</b>   | CFHC                | <b>CAS-No.:</b> | 74-83-9       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                   | 150             | °C            | resistant          |                 |

|                          |                  |                 |               |                    |                 |
|--------------------------|------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Butadiene</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH2:CHHC:CH2}   |                 |               |                    |                 |
| <b>chemical group:</b>   | ALHC             | <b>CAS-No.:</b> | 106-99-0      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                | 150             | °C            | resistant          |                 |

|                          |               |                 |               |                    |                 |
|--------------------------|---------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Butane</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C4H10}       |                 |               |                    |                 |
| <b>chemical group:</b>   | ALHC          | <b>CAS-No.:</b> | 106-97-8      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %             | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %             | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %             | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %             | 125             | °C            | resistant          |                 |

|                          |               |                 |               |                    |                 |
|--------------------------|---------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Butane</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C4H10}       |                 |               |                    |                 |
| <b>chemical group:</b>   | ALHC          | <b>CAS-No.:</b> | 106-97-8      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %             | 150             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | RT              | °C            | resistant          |                 |

|                          |                      |                 |               |                    |                 |
|--------------------------|----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Butanoic acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH3CH2CH2COOH}      |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC                 | <b>CAS-No.:</b> | 107-92-6      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 150             | °C            | resistant          |                 |

|                          |                              |                 |               |                    |                 |
|--------------------------|------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Butanol/Butyl alcohol</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C4H9OH}                     |                 |               |                    |                 |
| <b>chemical group:</b>   | ALCO                         | <b>CAS-No.:</b> | 71-36-3       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                            | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                            | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                            | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                            | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                            | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                            | 150             | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Butyl acetate</b>                                |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> COOC <sub>4</sub> H <sub>9</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ESTR  | <b>CAS-No.:</b> | 123-86-4      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Butylamine</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> (CH <sub>2</sub> ) <sub>3</sub> NH <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | AMIN   | <b>CAS-No.:</b> | 109-73-9      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 150             | °C            | resistant          |                 |

|                          |                                  |                 |               |                    |                 |
|--------------------------|----------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Butylene</b>                  |                 |               |                    |                 |
| <b>chemical formula:</b> | {C <sub>4</sub> H <sub>8</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ALHC                             | <b>CAS-No.:</b> | 25167-67-3    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                | 100             | °C            | resistant          |                 |

|                          |                 |                 |               |                    |                 |
|--------------------------|-----------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Butylene</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C4H8}          |                 |               |                    |                 |
| <b>chemical group:</b>   | ALHC            | <b>CAS-No.:</b> | 25167-67-3    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %               | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %               | 150             | °C            | resistant          |                 |

|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Butylene glycol</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {HOCH2(CH2)2CH2OH}     |                 |               |                    |                 |
| <b>chemical group:</b>   | ALCO                   | <b>CAS-No.:</b> | 110-63-4      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                      | 20              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                      | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                      | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                      | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                      | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                      | 150             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Calcium carbonate</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CaCO3}                  |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                     | <b>CAS-No.:</b> | 471-34-1      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 150             | °C            | resistant          |                 |

|                          |                         |                 |               |                    |                 |
|--------------------------|-------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Calcium chloride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CaCl <sub>2</sub> }    |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                    | <b>CAS-No.:</b> | 10043-52-4    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                       | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                       | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                       | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                       | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                       | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                       | 150             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Calcium hydroxide</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {Ca(OH) <sub>2</sub> }   |                 |               |                    |                 |
| <b>chemical group:</b>   | IOBA                     | <b>CAS-No.:</b> | 1305-62-0     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 150             | °C            | resistant          |                 |

|                          |                             |                 |               |                    |                 |
|--------------------------|-----------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Calcium hypochlorite</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {Ca(OCl) <sub>2</sub> }     |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                        | <b>CAS-No.:</b> | 7778-54-3     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                           | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                           | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                           | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                           | 100             | °C            | resistant          |                 |

|                          |                             |                 |               |                    |                 |
|--------------------------|-----------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Calcium hypochlorite</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {Ca(OCl)2}                  |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                        | <b>CAS-No.:</b> | 7778-54-3     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                           | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                           | 150             | °C            | resistant          |                 |

|                          |                             |                 |               |                    |                 |
|--------------------------|-----------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Carbon dioxide moist</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CO2}                       |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE                        | <b>CAS-No.:</b> | 124-38-9      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                           | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                           | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                           | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                           | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                           | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                           | 150             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Carbon disulphide</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CS2}                    |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE                     | <b>CAS-No.:</b> | 75-15-0       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 150             | °C            | resistant          |                 |



|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Chloral hydrate</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CCl3CH(OH)2}          |                 |               |                    |                 |
| <b>chemical group:</b>   | CFHC                   | <b>CAS-No.:</b> | 302-17-0      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                      | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                      | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                      | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                      | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                      | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                      | 150             | °C            | resistant          |                 |

|                          |                           |                 |               |                    |                                 |
|--------------------------|---------------------------|-----------------|---------------|--------------------|---------------------------------|
| <b>chemical:</b>         | <b>Chlorine (aqueous)</b> |                 |               |                    |                                 |
| <b>chemical formula:</b> | {Cl2}                     |                 |               |                    |                                 |
| <b>chemical group:</b>   | HALO                      | <b>CAS-No.:</b> | 7782-50-5     | <b>Syn-No.:</b>    |                                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>                 |
| UV                       | %                         | RT              | °C            | resistant          | blistering possible, without UV |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>                 |
| UV                       | %                         | 50              | °C            | resistant          | blistering possible, without UV |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>                 |
| UV                       | %                         | 75              | °C            | resistant          | blistering possible, without UV |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>                 |
| UV                       | %                         | 100             | °C            | resistant          | blistering possible, without UV |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>                 |
| UV                       | %                         | 125             | °C            | resistant          | blistering possible, without UV |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>                 |
| UV                       | %                         | 150             | °C            | resistant          | blistering possible, without UV |

|                          |                                  |                 |               |                    |                 |
|--------------------------|----------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Chlorine water - Cl-water</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {Cl2 IN H2O}                     |                 |               |                    |                 |
| <b>chemical group:</b>   | HALO                             | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                | 75              | °C            | resistant          |                 |

|                          |                                       |                 |               |                    |                 |
|--------------------------|---------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Chlorine water - Cl-water</b>      |                 |               |                    |                 |
| <b>chemical formula:</b> | {Cl <sub>2</sub> IN H <sub>2</sub> O} |                 |               |                    |                 |
| <b>chemical group:</b>   | HALO                                  | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                     | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                     | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                     | 150             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Chloroacetic acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>2</sub> ClCOOH} |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC                     | <b>CAS-No.:</b> | 79-11-8       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | 150             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                        | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                        | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                        | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                        | 150             | °C            | resistant          |                 |

|                          |                                    |                 |               |                    |                 |
|--------------------------|------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Chlorobenzene</b>               |                 |               |                    |                 |
| <b>chemical formula:</b> | {C <sub>6</sub> H <sub>5</sub> Cl} |                 |               |                    |                 |
| <b>chemical group:</b>   | ARHC                               | <b>CAS-No.:</b> | 108-90-7      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                  | RT              | °C            | resistant          |                 |

|                          |                      |                 |               |                    |                 |
|--------------------------|----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Chlorobenzene</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C6H5Cl}             |                 |               |                    |                 |
| <b>chemical group:</b>   | ARHC                 | <b>CAS-No.:</b> | 108-90-7      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | 150             | °C            | resistant          |                 |

|                          |                   |                 |               |                    |                 |
|--------------------------|-------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Chloroform</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CHCl3}           |                 |               |                    |                 |
| <b>chemical group:</b>   | CFHC              | <b>CAS-No.:</b> | 67-66-3       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                 | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                 | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                 | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                 | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                 | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                 | 150             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Chlorohydric acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {HCl}                    |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC                     | <b>CAS-No.:</b> | 7647-01-0     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 30                       | %                        | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 30                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 30                       | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 30                       | %                        | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 30                       | %                        | 125             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Chlorohydric acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {HCl}                    |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC                     | <b>CAS-No.:</b> | 7647-01-0     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 30                       | %                        | 150             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 36                       | %                        | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 36                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 36                       | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 36                       | %                        | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 36                       | %                        | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 36                       | %                        | 150             | °C            | resistant          |                 |

|                          |                      |                 |               |                    |                 |
|--------------------------|----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Chloromethane</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> Cl} |                 |               |                    |                 |
| <b>chemical group:</b>   | CFHC                 | <b>CAS-No.:</b> | 74-87-3       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 150             | °C            | resistant          |                 |

|                          |                                       |                 |               |                    |                 |
|--------------------------|---------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Chloromethyl ether</b>             |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> OCH <sub>2</sub> Cl} |                 |               |                    |                 |
| <b>chemical group:</b>   | ETHR                                  | <b>CAS-No.:</b> | 542-88-1      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                     | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                     | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                     | 75              | °C            | resistant          |                 |

|                          |                                       |                 |               |                    |                 |
|--------------------------|---------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Chloromethyl ether</b>             |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> OCH <sub>2</sub> Cl} |                 |               |                    |                 |
| <b>chemical group:</b>   | ETHR                                  | <b>CAS-No.:</b> | 542-88-1      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                     | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                     | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                     | 150             | °C            | resistant          |                 |

|                          |                            |                 |               |                    |                 |
|--------------------------|----------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Chlorosulfonic acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {HSO <sub>3</sub> Cl}      |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC                       | <b>CAS-No.:</b> | 7790-94-5     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                          | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                          | 50              | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Chromic acid</b>   |                 |               |                    |                 |
| <b>chemical formula:</b> | {CrO <sub>3</sub> +H <sub>2</sub> O (H <sub>2</sub> CrO <sub>4</sub> )} |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC  | <b>CAS-No.:</b> | 7738-94-5     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %   | 150             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | RT              | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 100             | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 125             | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 150             | °C            | resistant          | technical pure  |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Chromic anhydride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CrO3}                   |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE                     | <b>CAS-No.:</b> | 1333-82-0     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 150             | °C            | resistant          |                 |

|                          |                           |                 |               |                    |                 |
|--------------------------|---------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Chromium(VI) oxide</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CrO3}                    |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE                      | <b>CAS-No.:</b> | 1333-82-0     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                         | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                         | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                         | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                         | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                         | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                         | 150             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Chromosulfate III</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {Cr2(SO4)3 x n H2O}      |                 |               |                    |                 |
| <b>chemical group:</b>   |                          | <b>CAS-No.:</b> | 15244-38-9    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 100             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Chromosulfate III</b>   |                 |               |                    |                 |
| <b>chemical formula:</b> | {Cr <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> x n H <sub>2</sub> O} |                 |               |                    |                 |
| <b>chemical group:</b>   |  | <b>CAS-No.:</b> | 15244-38-9    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |  |
|--------------------------|--|-----------------|---------------|--------------------|--|
| <b>chemical:</b>         | <b>Chromosulfuric acid (Concentration 15/50/35 %)</b>                |                 |               |                    |  |
| <b>chemical formula:</b> | {H <sub>2</sub> SO <sub>4</sub> +CrO <sub>3</sub> +H <sub>2</sub> O} |                 |               |                    |  |
| <b>chemical group:</b>   |  | <b>CAS-No.:</b> | 65272-71-1    | <b>Syn-No.:</b>    |  |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>  |
| --                       | %  | RT              | °C            | resistant          | Concentration: 15%H <sub>2</sub> SO <sub>4</sub> :50%CrO <sub>3</sub> :35%H <sub>2</sub> O |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>  |
| --                       | %  | 50              | °C            | resistant          | Concentration: 15%H <sub>2</sub> SO <sub>4</sub> :50%CrO <sub>3</sub> :35%H <sub>2</sub> O |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>  |
| --                       | %  | 75              | °C            | resistant          | Concentration: 15%H <sub>2</sub> SO <sub>4</sub> :50%CrO <sub>3</sub> :35%H <sub>2</sub> O |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>  |
| --                       | %  | 100             | °C            | resistant          | Concentration: 15%H <sub>2</sub> SO <sub>4</sub> :50%CrO <sub>3</sub> :35%H <sub>2</sub> O |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>  |
| --                       | %  | 125             | °C            | resistant          | Concentration: 15%H <sub>2</sub> SO <sub>4</sub> :50%CrO <sub>3</sub> :35%H <sub>2</sub> O |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>  |
| --                       | %  | 150             | °C            | resistant          | Concentration: 15%H <sub>2</sub> SO <sub>4</sub> :50%CrO <sub>3</sub> :35%H <sub>2</sub> O |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Citric acid</b>                                     |                 |               |                    |                 |
| <b>chemical formula:</b> | {C <sub>3</sub> H <sub>4</sub> OH(COOH) <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC   | <b>CAS-No.:</b> | 77-92-9       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %  | 125             | °C            | resistant          |                 |

|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Copper chloride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CuCl <sub>2</sub> }   |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                   | <b>CAS-No.:</b> | 7447-39-4     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | RT              | °C            | resistant          |                 |

|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Copper chloride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CuCl <sub>2</sub> }   |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                   | <b>CAS-No.:</b> | 7447-39-4     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 150             | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Copper salts (copper nitrate, -carbonate, -chloride, -cyanide, -sulfate)</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --  |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT  | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %   | 20              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %   | 150             | °C            | resistant          |                 |

|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Copper sulphate</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CuSO <sub>4</sub> }   |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                   | <b>CAS-No.:</b> | 7758-98-7     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 125             | °C            | resistant          |                 |



|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Copper sulphate</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CuSO <sub>4</sub> }   |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                   | <b>CAS-No.:</b> | 7758-98-7     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Cresols (o-,m-,p-)</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> C <sub>6</sub> H <sub>4</sub> OH - C <sub>7</sub> H <sub>8</sub> O} |                 |               |                    |                 |
| <b>chemical group:</b>   | PHEN   | <b>CAS-No.:</b> | 1319-77-3     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 90                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 90                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 90                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 90                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 90                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 90                       | %  | 150             | °C            | resistant          |                 |

|                          |                                   |                 |               |                    |                 |
|--------------------------|-----------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Cyclohexane</b>                |                 |               |                    |                 |
| <b>chemical formula:</b> | {C <sub>6</sub> H <sub>12</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC                              | <b>CAS-No.:</b> | 110-82-7      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                 | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                 | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                 | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                 | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                 | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                 | 150             | °C            | resistant          |                 |

|                          |                                     |                 |               |                    |                 |
|--------------------------|-------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Cyclohexanol</b>                 |                 |               |                    |                 |
| <b>chemical formula:</b> | {C <sub>6</sub> H <sub>11</sub> OH} |                 |               |                    |                 |
| <b>chemical group:</b>   | ALCO                                | <b>CAS-No.:</b> | 108-93-0      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                   | RT              | °C            | resistant          |                 |

|                          |                     |                 |               |                    |                 |
|--------------------------|---------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Cyclohexanol</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C6H11OH}           |                 |               |                    |                 |
| <b>chemical group:</b>   | ALCO                | <b>CAS-No.:</b> | 108-93-0      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                   | 150             | °C            | resistant          |                 |

|                          |                      |                 |               |                    |                 |
|--------------------------|----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Cyclohexanone</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C6H10 O}            |                 |               |                    |                 |
| <b>chemical group:</b>   | ETHR                 | <b>CAS-No.:</b> | 108-94-1      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 150             | °C            | resistant          |                 |

|                          |                      |                 |               |                    |                 |
|--------------------------|----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Cyclopentanon</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C5H8O}              |                 |               |                    |                 |
| <b>chemical group:</b>   |                      | <b>CAS-No.:</b> | 120-92-3      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | 50              | °C            | resistant          |                 |

|                          |                            |                 |               |                    |                 |
|--------------------------|----------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Decahydronaphtalene</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C10H18}                   |                 |               |                    |                 |
| <b>chemical group:</b>   | ARHC                       | <b>CAS-No.:</b> | 91-17-8       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                          | RT              | °C            | resistant          |                 |

|                          |                            |                 |               |                    |                 |
|--------------------------|----------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Decahydronaphtalene</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C10H18}                   |                 |               |                    |                 |
| <b>chemical group:</b>   | ARHC                       | <b>CAS-No.:</b> | 91-17-8       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                          | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                          | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                          | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                          | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                          | 150             | °C            | resistant          |                 |

|                          |                                     |                 |               |                    |                 |
|--------------------------|-------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Dextrin usual concentrations</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {(C6H10O5)n}                        |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC                                | <b>CAS-No.:</b> | 9004-53-9     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                   | 150             | °C            | resistant          |                 |

|                          |                      |                 |               |                    |                 |
|--------------------------|----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Diaminoethane</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {NH2C2H4NH2}         |                 |               |                    |                 |
| <b>chemical group:</b>   | AMIN                 | <b>CAS-No.:</b> | 107-15-3      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 125             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Diaminoethane</b>   |                 |               |                    |                 |
| <b>chemical formula:</b> | {NH <sub>2</sub> C <sub>2</sub> H <sub>4</sub> NH <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | AMIN   | <b>CAS-No.:</b> | 107-15-3      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 150             | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Dibutyl ether</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {C <sub>4</sub> H <sub>9</sub> OC <sub>4</sub> H <sub>9</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ETHR  | <b>CAS-No.:</b> | 142-96-1      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Dibutyl sebacate</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {C <sub>6</sub> H <sub>4</sub> [COOC <sub>4</sub> H <sub>9</sub> ] <sub>2</sub> - C <sub>16</sub> H <sub>22</sub> O <sub>4</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   |  | <b>CAS-No.:</b> | 109-43-3      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 150             | °C            | resistant          |                 |

|                          |                            |                 |               |                    |                 |
|--------------------------|----------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Dichloroacetic acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CHCl <sub>2</sub> COOH}   |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC                       | <b>CAS-No.:</b> | 79-43-6       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                          | RT              | °C            | resistant          |                 |

|   |   |                      |                               |                    |                 |
|---|---|----------------------|-------------------------------|--------------------|-----------------|
| <b>chemical:</b>  | <b>Dichloroacetic acid</b>  |                      |                               |                    |                 |
| <b>chemical formula:</b>  | {CHCl <sub>2</sub> COOH}  |                      |                               |                    |                 |
| <b>chemical group:</b>  | ORAC  | <b>CAS-No.:</b>      | 79-43-6                       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>   | <b>Value:</b>   | <b>Temp.:</b>        | <b>Value:</b>                 | <b>Resistance:</b> | <b>Remarks:</b> |
| TR  | %   | 75                   | °C                            | resistant          |                 |
| <b>Conc.:</b>   | <b>Value:</b>   | <b>Temp.:</b>        | <b>Value:</b>                 | <b>Resistance:</b> | <b>Remarks:</b> |
| TR  | %   | 100                  | °C                            | resistant          |                 |
| <b>Conc.:</b>   | <b>Value:</b>   | <b>Temp.:</b>        | <b>Value:</b>                 | <b>Resistance:</b> | <b>Remarks:</b> |
| TR  | %   | 125                  | °C                            | resistant          |                 |
| <b>Conc.:</b>   | <b>Value:</b>   | <b>Temp.:</b>        | <b>Value:</b>                 | <b>Resistance:</b> | <b>Remarks:</b> |
| TR  | %   | 150                  | °C                            | resistant          |                 |
| <b>Conc.:</b>   | <b>Value:</b>   | <b>Temp.:</b>        | <b>Value:</b>                 | <b>Resistance:</b> | <b>Remarks:</b> |
| 50  | %   | RT                   | °C                            | resistant          |                 |
| <b>Conc.:</b>   | <b>Value:</b>   | <b>Temp.:</b>        | <b>Value:</b>                 | <b>Resistance:</b> | <b>Remarks:</b> |
| 50  | %   | 75                   | °C                            | resistant          |                 |
| <b>Conc.:</b>   | <b>Value:</b>   | <b>Temp.:</b>        | <b>Value:</b>                 | <b>Resistance:</b> | <b>Remarks:</b> |
| 50  | %   | 100                  | °C                            | resistant          |                 |
| <b>Conc.:</b>   | <b>Value:</b>   | <b>Temp.:</b>        | <b>Value:</b>                 | <b>Resistance:</b> | <b>Remarks:</b> |
| 50  | %   | 125                  | °C                            | resistant          |                 |
| <b>Conc.:</b>   | <b>Value:</b>   | <b>Temp.:</b>        | <b>Value:</b>                 | <b>Resistance:</b> | <b>Remarks:</b> |
| 50  | %   | 150                  | °C                            | resistant          |                 |
| <b>chemical:</b>  | <b>Dichlorobenzene</b>  |                      |                               |                    |                 |
| <b>chemical formula:</b>  | {C <sub>6</sub> H <sub>4</sub> Cl <sub>2</sub> }                                    |                      |                               |                    |                 |
| <b>chemical group:</b>  | ARHC  | <b>CAS-No.:</b>      | 25321-22-6                    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>   | <b>Value:</b>   | <b>Temp.:</b>        | <b>Value:</b>                 | <b>Resistance:</b> | <b>Remarks:</b> |
| TR  | %   | RT                   | °C                            | resistant          |                 |
| <b>Conc.:</b>   | <b>Value:</b>   | <b>Temp.:</b>        | <b>Value:</b>                 | <b>Resistance:</b> | <b>Remarks:</b> |
| TR  | %   | 50                   | °C                            | resistant          |                 |
| <b>Conc.:</b>   | <b>Value:</b>   | <b>Temp.:</b>        | <b>Value:</b>                 | <b>Resistance:</b> | <b>Remarks:</b> |
| TR  | %   | 75                   | °C                            | resistant          |                 |
| <b>Conc.:</b>   | <b>Value:</b>   | <b>Temp.:</b>        | <b>Value:</b>                 | <b>Resistance:</b> | <b>Remarks:</b> |
| TR  | %   | 100                  | °C                            | resistant          |                 |
| <b>Conc.:</b>   | <b>Value:</b>   | <b>Temp.:</b>        | <b>Value:</b>                 | <b>Resistance:</b> | <b>Remarks:</b> |
| TR  | %   | 125                  | °C                            | resistant          |                 |
| <b>Conc.:</b>   | <b>Value:</b>   | <b>Temp.:</b>        | <b>Value:</b>                 | <b>Resistance:</b> | <b>Remarks:</b> |
| TR  | %   | 150                  | °C                            | resistant          |                 |
| <b>chemical:</b>  | <b>Dichloroethylene</b>   |                      |                               |                    |                 |
| <b>chemical formula:</b>  | {CH <sub>2</sub> CCl <sub>2</sub> - C <sub>2</sub> H <sub>2</sub> Cl <sub>2</sub> } |                      |                               |                    |                 |
| <b>chemical group:</b>  | CFHC  | <b>CAS-No.:</b>      | 540-59-0                      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>   | <b>Value:</b>   | <b>Temp.:</b>        | <b>Value:</b>                 | <b>Resistance:</b> | <b>Remarks:</b> |
| UV  | %   | RT                   | °C                            | resistant          | technical pure  |
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|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Dichloroethylene</b>   |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>2</sub> CCl <sub>2</sub> - C <sub>2</sub> H <sub>2</sub> Cl <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | CFHC  | <b>CAS-No.:</b> | 540-59-0      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 60              | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 75              | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 100             | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 125             | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 150             | °C            | resistant          | technical pure  |

|                          |                           |                 |               |                    |                 |
|--------------------------|---------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Diesel (DIN 51601)</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                        |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC                      | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                         | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                         | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                         | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                         | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                         | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                         | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Diethylamine</b>                                |                 |               |                    |                 |
| <b>chemical formula:</b> | {(C <sub>2</sub> H <sub>5</sub> ) <sub>2</sub> NH} |                 |               |                    |                 |
| <b>chemical group:</b>   | AMIN   | <b>CAS-No.:</b> | 109-89-7      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 75              | °C            | resistant          |                 |

|                          |                         |                            |               |                    |                 |
|--------------------------|-------------------------|----------------------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Diethylene ether</b> |                            |               |                    |                 |
| <b>chemical formula:</b> | {C4H8O2}                |                            |               |                    |                 |
| <b>chemical group:</b>   |                         | <b>CAS-No.:</b> 54841-74-6 |               | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>              | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                       | 25                         | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>              | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                       | 50                         | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>              | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                       | 75                         | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>              | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                       | 100                        | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>              | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                       | 125                        | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>              | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                       | 150                        | °C            | resistant          |                 |

|                          |                            |                          |               |                    |                 |
|--------------------------|----------------------------|--------------------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Diisobutyl ketone</b>   |                          |               |                    |                 |
| <b>chemical formula:</b> | {(CH3)2CHCH2COCH2CH(CH3)2} |                          |               |                    |                 |
| <b>chemical group:</b>   | AL/K                       | <b>CAS-No.:</b> 108-83-8 |               | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>            | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                          | RT                       | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>            | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                          | 50                       | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>            | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                          | 75                       | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>            | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                          | 100                      | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>            | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                          | 125                      | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>            | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                          | 150                      | °C            | resistant          |                 |

|                          |                          |                          |               |                    |                 |
|--------------------------|--------------------------|--------------------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Diisopropyl ether</b> |                          |               |                    |                 |
| <b>chemical formula:</b> | {(CH3)2CHOCH(CH3)2}      |                          |               |                    |                 |
| <b>chemical group:</b>   | ETHR                     | <b>CAS-No.:</b> 108-20-3 |               | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>            | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | RT                       | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>            | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | 50                       | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>            | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | 75                       | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>            | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | 100                      | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Diisopropyl ether</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {(CH <sub>3</sub> ) <sub>2</sub> CHOCH(CH <sub>3</sub> ) <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ETHR  | <b>CAS-No.:</b> | 108-20-3      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Dimethyl formamide</b>              |                 |               |                    |                 |
| <b>chemical formula:</b> | {HCON(CH <sub>3</sub> ) <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | AMID                                   | <b>CAS-No.:</b> | 68-12-2       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                      | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                      | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                      | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                      | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                      | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                      | 150             | °C            | resistant          |                 |

|                          |                                      |                 |               |                    |                 |
|--------------------------|--------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Dimethyl sulfoxide</b>            |                 |               |                    |                 |
| <b>chemical formula:</b> | {(CH <sub>3</sub> ) <sub>2</sub> SO} |                 |               |                    |                 |
| <b>chemical group:</b>   |                                      | <b>CAS-No.:</b> | 67-68-5       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                    | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                    | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                    | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                    | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                    | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                    | 150             | °C            | resistant          |                 |



|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Dimethylacetamide</b>                              |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> CON(CH <sub>3</sub> ) <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | AMID  | <b>CAS-No.:</b> | 127-19-5      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 150             | °C            | resistant          |                 |

|                          |                                       |                 |               |                    |                 |
|--------------------------|---------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Dimethylamine</b>                  |                 |               |                    |                 |
| <b>chemical formula:</b> | {(CH <sub>3</sub> ) <sub>2</sub> NH } |                 |               |                    |                 |
| <b>chemical group:</b>   | AMIN                                  | <b>CAS-No.:</b> | 124-40-3      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                     | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                     | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                     | 75              | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Diocetyl phthalate</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {C <sub>6</sub> H <sub>4</sub> (COOC <sub>8</sub> H <sub>17</sub> ) <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ESTR   | <b>CAS-No.:</b> | 117-81-7      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 150             | °C            | resistant          |                 |

|                          |                |                 |               |                    |                 |
|--------------------------|----------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Dioxane</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C4H8O2}       |                 |               |                    |                 |
| <b>chemical group:</b>   | ETHR           | <b>CAS-No.:</b> | 123-91-1      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | 150             | °C            | resistant          |                 |

|                          |                |                 |               |                    |                 |
|--------------------------|----------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Ethanol</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C2H5OH}       |                 |               |                    |                 |
| <b>chemical group:</b>   | ALCO           | <b>CAS-No.:</b> | 64-17-5       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 96                       | %              | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 96                       | %              | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 96                       | %              | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 96                       | %              | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 96                       | %              | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 96                       | %              | 150             | °C            | resistant          |                 |

|                          |                      |                 |               |                    |                 |
|--------------------------|----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Ethyl acetate</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH3COOC2H5}         |                 |               |                    |                 |
| <b>chemical group:</b>   | ESTR                 | <b>CAS-No.:</b> | 141-78-6      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 100             | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Ethyl acetate</b>                                |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> COOC <sub>2</sub> H <sub>5</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ESTR  | <b>CAS-No.:</b> | 141-78-6      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 150             | °C            | resistant          |                 |

|                          |                                    |                 |               |                    |                 |
|--------------------------|------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Ethyl chloride</b>              |                 |               |                    |                 |
| <b>chemical formula:</b> | {C <sub>2</sub> H <sub>5</sub> Cl} |                 |               |                    |                 |
| <b>chemical group:</b>   | CFHC                               | <b>CAS-No.:</b> | 75-00-3       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                  | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Ethylene glycol</b>                 |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>2</sub> OHCH <sub>2</sub> OH} |                 |               |                    |                 |
| <b>chemical group:</b>   | ALSO                                   | <b>CAS-No.:</b> | 107-21-1      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                      | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                      | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                      | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                      | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                      | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                      | 150             | °C            | resistant          |                 |

|                          |                       |                 |               |                    |                 |
|--------------------------|-----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Ethylene oxide</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C2H4O}               |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC                  | <b>CAS-No.:</b> | 75-21-8       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | 150             | °C            | resistant          |                 |

|                          |                            |                 |               |                    |                 |
|--------------------------|----------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Fat (vegetable oil)</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                         |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC                       | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                          | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                          | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                          | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                          | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                          | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                          | 150             | °C            | resistant          |                 |

|                          |                    |                 |               |                    |                 |
|--------------------------|--------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Fatty acids</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {>C6}              |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC               | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                  | 125             | °C            | resistant          |                 |

|                          |                    |                 |               |                    |                 |
|--------------------------|--------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Fatty acids</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {>C6}              |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC               | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                  | 150             | °C            | resistant          |                 |

|                          |                 |                 |               |                    |                 |
|--------------------------|-----------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Fluorine</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {F2}            |                 |               |                    |                 |
| <b>chemical group:</b>   | HALO            | <b>CAS-No.:</b> | 7782-41-4     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %               | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %               | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %               | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %               | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %               | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %               | 150             | °C            | resistant          |                 |

|                          |                     |                 |               |                    |                 |
|--------------------------|---------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Formaldehyde</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {HCHO}              |                 |               |                    |                 |
| <b>chemical group:</b>   | AL/K                | <b>CAS-No.:</b> | 50-00-0       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 40                       | %                   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 40                       | %                   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 40                       | %                   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 40                       | %                   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 40                       | %                   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 40                       | %                   | 150             | °C            | resistant          |                 |

|                          |                    |                 |               |                    |                   |
|--------------------------|--------------------|-----------------|---------------|--------------------|-------------------|
| <b>chemical:</b>         | <b>Formic acid</b> |                 |               |                    |                   |
| <b>chemical formula:</b> | {HCOOH}            |                 |               |                    |                   |
| <b>chemical group:</b>   | ORAC               | <b>CAS-No.:</b> | 64-18-6       | <b>Syn-No.:</b>    |                   |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>   |
| 50                       | %                  | 20              | °C            | resistant          | strong permeation |

|                          |                     |                 |               |                    |                   |
|--------------------------|---------------------|-----------------|---------------|--------------------|-------------------|
| <b>chemical:</b>         | <b>Formic acid</b>  |                 |               |                    |                   |
| <b>chemical formula:</b> | {HCOOH}             |                 |               |                    |                   |
| <b>chemical group:</b>   | ORAC                | <b>CAS-No.:</b> | 64-18-6       | <b>Syn-No.:</b>    |                   |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>   |
| 50                       | %                   | 50              | °C            | resistant          | strong permeation |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>   |
| 50                       | %                   | 75              | °C            | resistant          | strong permeation |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>   |
| 50                       | %                   | 100             | °C            | resistant          | strong permeation |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>   |
| 50                       | %                   | 125             | °C            | resistant          | strong permeation |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>   |
| 50                       | %                   | 150             | °C            | resistant          | strong permeation |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>   |
| UV                       | %                   | RT              | °C            | resistant          | strong permeation |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>   |
| UV                       | %                   | 75              | °C            | resistant          | strong permeation |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>   |
| UV                       | %                   | 100             | °C            | resistant          | strong permeation |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>   |
| UV                       | %                   | 125             | °C            | resistant          | strong permeation |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>   |
| UV                       | %                   | 150             | °C            | resistant          | strong permeation |
| <b>chemical:</b>         | <b>Fruit juices</b> |                 |               |                    |                   |
| <b>chemical formula:</b> | --                  |                 |               |                    |                   |
| <b>chemical group:</b>   | ELSE                | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                   |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>   |
| H                        | %                   | RT              | °C            | resistant          |                   |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>   |
| H                        | %                   | 50              | °C            | resistant          |                   |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>   |
| H                        | %                   | 75              | °C            | resistant          |                   |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>   |
| H                        | %                   | 100             | °C            | resistant          |                   |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>   |
| H                        | %                   | 125             | °C            | resistant          |                   |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>   |
| H                        | %                   | 150             | °C            | resistant          |                   |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Fuel oil DIN 51603 (test mixture A20-NPII)</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --  |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC  | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %   | 150             | °C            | resistant          |                 |

|                          |                 |                 |               |                    |                 |
|--------------------------|-----------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Furfural</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C4H3OCHO}      |                 |               |                    |                 |
| <b>chemical group:</b>   | ALCO            | <b>CAS-No.:</b> | 98-01-1       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %               | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %               | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %               | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %               | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %               | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %               | 150             | °C            | resistant          |                 |

|                          |                         |                 |               |                    |                 |
|--------------------------|-------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Furfuryl alcohol</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C4H3OCH2OH}            |                 |               |                    |                 |
| <b>chemical group:</b>   | ALCO                    | <b>CAS-No.:</b> | 98-00-0       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                       | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                       | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                       | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                       | 100             | °C            | resistant          |                 |

|                          |                         |                 |               |                    |                 |
|--------------------------|-------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Furfuryl alcohol</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C4H3OCH2OH}            |                 |               |                    |                 |
| <b>chemical group:</b>   | ALCO                    | <b>CAS-No.:</b> | 98-00-0       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                       | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                       | 150             | °C            | resistant          |                 |

|                          |                    |                 |               |                    |                 |
|--------------------------|--------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Gallic acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C6H2(OH)3COOH}    |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC               | <b>CAS-No.:</b> | 149-91-7      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                  | 25              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                  | 150             | °C            | resistant          |                 |

|                          |                |                 |               |                    |                 |
|--------------------------|----------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Glucose</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C6H12O6}      |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC           | <b>CAS-No.:</b> | 50-99-7       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %              | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %              | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %              | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %              | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %              | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %              | 150             | °C            | resistant          |                 |



|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Glycerin</b>                          |                 |               |                    |                 |
| <b>chemical formula:</b> | {CHOH(CH <sub>2</sub> OH) <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC                                     | <b>CAS-No.:</b> | 56-81-5       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 150             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Glycolic acid</b>     |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>2</sub> OHCOOH} |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC                     | <b>CAS-No.:</b> | 79-14-1       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 37                       | %                        | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 37                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 37                       | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 37                       | %                        | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 37                       | %                        | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 37                       | %                        | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Heptane</b>   |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> (CH <sub>2</sub> ) <sub>5</sub> CH <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ALHC   | <b>CAS-No.:</b> | 142-82-5      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 100             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Heptane</b>   |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> (CH <sub>2</sub> ) <sub>5</sub> CH <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ALHC   | <b>CAS-No.:</b> | 142-82-5      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 150             | °C            | resistant          |                 |

|                          |                                    |                 |               |                    |                 |
|--------------------------|------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Hexafluorosilicic acid</b>      |                 |               |                    |                 |
| <b>chemical formula:</b> | {H <sub>2</sub> SiF <sub>6</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC                               | <b>CAS-No.:</b> | 16961-83-4    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 32                       | %                                  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 32                       | %                                  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 32                       | %                                  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 32                       | %                                  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 32                       | %                                  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 32                       | %                                  | 150             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                                  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                                  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                                  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                                  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                                  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                                  | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Hexane</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> (CH <sub>2</sub> ) <sub>4</sub> CH <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ALHC   | <b>CAS-No.:</b> | 110-54-3      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 50              | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Hexane</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> (CH <sub>2</sub> ) <sub>4</sub> CH <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ALHC   | <b>CAS-No.:</b> | 110-54-3      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 150             | °C            | resistant          |                 |

|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Hydraulic fluid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                     |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC                   | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                      | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                      | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                      | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                      | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                      | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                      | 150             | °C            | resistant          |                 |

|                          |                                    |                 |               |                    |                 |
|--------------------------|------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Hydrazine</b>                   |                 |               |                    |                 |
| <b>chemical formula:</b> | {H <sub>2</sub> NNH <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | AMIN                               | <b>CAS-No.:</b> | 302-01-2      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                  | 150             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Hydrazine hydrate</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {H2NNH2.H2O}             |                 |               |                    |                 |
| <b>chemical group:</b>   |                          | <b>CAS-No.:</b> | 10217-52      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | 150             | °C            | resistant          |                 |

|                          |                         |                 |               |                    |                 |
|--------------------------|-------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Hydrobromic acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {HBr}                   |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC                    | <b>CAS-No.:</b> | 10034-10-6    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                       | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                       | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                       | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                       | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                       | 150             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Hydrochloric acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {HCl]}                   |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC                     | <b>CAS-No.:</b> | 7647-01-0     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 5                        | %                        | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 5                        | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 5                        | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 5                        | %                        | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 5                        | %                        | 125             | °C            | resistant          |                 |

| chemical:         |        | Hydrochloric acid |          |             |          |
|-------------------|--------|-------------------|----------|-------------|----------|
| chemical formula: |        | {HCl}             |          |             |          |
| chemical group:   |        | IOAC              | CAS-No.: | 7647-01-0   | Syn-No.: |
| Conc.:            | Value: | Temp.:            | Value:   | Resistance: | Remarks: |
| 5                 | %      | 150               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:            | Value:   | Resistance: | Remarks: |
| 10                | %      | 50                | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:            | Value:   | Resistance: | Remarks: |
| 10                | %      | 75                | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:            | Value:   | Resistance: | Remarks: |
| 10                | %      | 100               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:            | Value:   | Resistance: | Remarks: |
| 10                | %      | 125               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:            | Value:   | Resistance: | Remarks: |
| 10                | %      | 150               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:            | Value:   | Resistance: | Remarks: |
| 30                | %      | 50                | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:            | Value:   | Resistance: | Remarks: |
| 30                | %      | 75                | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:            | Value:   | Resistance: | Remarks: |
| 30                | %      | 100               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:            | Value:   | Resistance: | Remarks: |
| 30                | %      | 125               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:            | Value:   | Resistance: | Remarks: |
| 30                | %      | 150               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:            | Value:   | Resistance: | Remarks: |
| 36                | %      | RT                | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:            | Value:   | Resistance: | Remarks: |
| 36                | %      | 50                | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:            | Value:   | Resistance: | Remarks: |
| 36                | %      | 75                | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:            | Value:   | Resistance: | Remarks: |
| 36                | %      | 100               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:            | Value:   | Resistance: | Remarks: |
| 36                | %      | 125               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:            | Value:   | Resistance: | Remarks: |
| 36                | %      | 150               | °C       | resistant   |          |

|                          |                         |                 |               |                    |                 |
|--------------------------|-------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Hydrocyanic acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {HCN}                   |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC                    | <b>CAS-No.:</b> | 74-90-8       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                       | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                       | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                       | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                       | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                       | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                       | 150             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Hydrofluoric acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {HF}                     |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC                     | <b>CAS-No.:</b> | 7664-39-3     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                        | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                        | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 70                       | %                        | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 70                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 70                       | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 70                       | %                        | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 70                       | %                        | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 70                       | %                        | 150             | °C            | resistant          |                 |

|                          |                 |                 |               |                    |                 |
|--------------------------|-----------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Hydrogen</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {H2}            |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE            | <b>CAS-No.:</b> | 1333-74-0     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %               | RT              | °C            | resistant          |                 |

|                          |                   |                 |               |                    |                 |
|--------------------------|-------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Hydrogen</b>   |                 |               |                    |                 |
| <b>chemical formula:</b> | {H <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE              | <b>CAS-No.:</b> | 1333-74-0     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                 | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                 | 75              | °C            | resistant          |                 |

|                          |                         |                 |               |                    |                 |
|--------------------------|-------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Hydrogen bromide</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {HBr}                   |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC                    | <b>CAS-No.:</b> | 10034-10-6    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                       | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                       | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                       | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                       | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                       | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                       | 150             | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Hydrogen cyanide,all aqueous solutions</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {HCN}   |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC  | <b>CAS-No.:</b> | 74-90-8       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 150             | °C            | resistant          |                 |

| chemical:         |        | Hydrogen dioxide |          |             |          |
|-------------------|--------|------------------|----------|-------------|----------|
| chemical formula: |        | {H2O2}           |          |             |          |
| chemical group:   |        | ELSE             | CAS-No.: | 7722-84-1   | Syn-No.: |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 1                 | %      | RT               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 10                | %      | 25               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 10                | %      | 50               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 10                | %      | 75               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 10                | %      | 100              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 10                | %      | 125              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 10                | %      | 150              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 30                | %      | RT               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 30                | %      | 25               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 30                | %      | 50               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 30                | %      | 60               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 30                | %      | 75               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 30                | %      | 100              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 30                | %      | 125              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 30                | %      | 150              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 50                | %      | RT               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 80                | %      | 25               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 80                | %      | 50               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 80                | %      | 75               | °C       | resistant   |          |



|                          |                         |                 |               |                    |                 |
|--------------------------|-------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Hydrogen dioxide</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {H2O2}                  |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE                    | <b>CAS-No.:</b> | 7722-84-1     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 80                       | %                       | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 90                       | %                       | 25              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 90                       | %                       | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 90                       | %                       | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 90                       | %                       | 100             | °C            | resistant          |                 |

|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Hydrogen iodide</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {HJ}                   |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC                   | <b>CAS-No.:</b> | 10034-85-2    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 57                       | %                      | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 57                       | %                      | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 57                       | %                      | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 57                       | %                      | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 57                       | %                      | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 57                       | %                      | 150             | °C            | resistant          |                 |

|                          |                                |                 |               |                    |                 |
|--------------------------|--------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Hydrogen sulphide (gas)</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {H2S}                          |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC                           | <b>CAS-No.:</b> | 7783-06-4     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                              | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                              | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                              | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                              | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                              | 75              | °C            | resistant          |                 |

|                          |                                |                 |               |                    |                 |
|--------------------------|--------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Hydrogen sulphide (gas)</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {H <sub>2</sub> S}             |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC                           | <b>CAS-No.:</b> | 7783-06-4     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                              | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                              | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                              | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Hydroquinone</b>                                |                 |               |                    |                 |
| <b>chemical formula:</b> | {C <sub>6</sub> H <sub>4</sub> (OH) <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | PHEN   | <b>CAS-No.:</b> | 123-31-9      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 150             | °C            | resistant          |                 |

|                          |                                  |                 |               |                    |                 |
|--------------------------|----------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Hydroxybutanedioic acid</b>   |                 |               |                    |                 |
| <b>chemical formula:</b> | {HOOCCH(OH)CH <sub>2</sub> COOH} |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC                             | <b>CAS-No.:</b> | 6915-15-7     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                                | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                | 150             | °C            | resistant          |                 |

|                          |               |                 |               |                    |                 |
|--------------------------|---------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Iodine</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {J2}          |                 |               |                    |                 |
| <b>chemical group:</b>   | HALO          | <b>CAS-No.:</b> | 7553-56-2     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %             | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | 125             | °C            | resistant          |                 |

|                          |                 |                 |               |                    |                 |
|--------------------------|-----------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Iodoform</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CHJ3}          |                 |               |                    |                 |
| <b>chemical group:</b>   | CFHC            | <b>CAS-No.:</b> | 75-47-8       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %               | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %               | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %               | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %               | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %               | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %               | 150             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Iron(II)-chloride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {FeCl2}                  |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                     | <b>CAS-No.:</b> | 7758-94-3     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 125             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Iron(II)-chloride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {FeCl <sub>2</sub> }     |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                     | <b>CAS-No.:</b> | 7758-94-3     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 150             | °C            | resistant          |                 |

|                          |                           |                 |               |                    |                 |
|--------------------------|---------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Iron(III)-chloride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {FeCl <sub>3</sub> }      |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                      | <b>CAS-No.:</b> | 7705-08-0     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                         | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                         | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                         | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                         | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                         | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                         | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Isopropanol</b>                       |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> CH(OH)CH <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ALCO                                     | <b>CAS-No.:</b> | 67-63-0       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 150             | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Isopropyl acetate</b>                                |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> COOCH(CH <sub>3</sub> ) <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ESTR  | <b>CAS-No.:</b> | 108-21-4      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | RT              | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Isopropyl acetate</b>                                |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> COOCH(CH <sub>3</sub> ) <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ESTR  | <b>CAS-No.:</b> | 108-21-4      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 125             | °C            | resistant          |                 |

|                          |                 |                 |               |                    |                 |
|--------------------------|-----------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Kerosene</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --              |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC            | <b>CAS-No.:</b> | 8008-20-6     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %               | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %               | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %               | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %               | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %               | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %               | 150             | °C            | resistant          |                 |

|                          |                            |                 |               |                    |                 |
|--------------------------|----------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Lactic acid</b>         |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> CHOHCOOH} |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC                       | <b>CAS-No.:</b> | 50-21-5       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                          | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                          | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                          | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                          | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                          | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                          | 150             | °C            | resistant          |                 |

|                          |                |                 |               |                    |                 |
|--------------------------|----------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Lanolin</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --             |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC           | <b>CAS-No.:</b> | 8006-54-0     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | 150             | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Lauric acid</b>                                      |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> (CH <sub>2</sub> ) <sub>10</sub> COOH} |                 |               |                    |                 |
| <b>chemical group:</b>   |   | <b>CAS-No.:</b> | 143-07-7      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %   | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Lead acetate</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {Pb(C <sub>2</sub> H <sub>3</sub> O <sub>2</sub> ) <sub>2</sub> · 3H <sub>2</sub> O} |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT   | <b>CAS-No.:</b> | 301-4-2       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %  | 100             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Lead acetate</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {Pb(C <sub>2</sub> H <sub>3</sub> O <sub>2</sub> ) <sub>2</sub> · 3H <sub>2</sub> O} |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT   | <b>CAS-No.:</b> | 301-4-2       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %  | 150             | °C            | resistant          |                 |

|                          |                    |                 |               |                    |                 |
|--------------------------|--------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Linseed oil</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                 |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC               | <b>CAS-No.:</b> | 8001-26-1     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                  | 150             | °C            | resistant          |                 |

|                          |                         |                 |               |                    |                 |
|--------------------------|-------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Lubricating oils</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                      |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC                    | <b>CAS-No.:</b> | 74869-22-0    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                       | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                       | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                       | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                       | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                       | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                       | 150             | °C            | resistant          |                 |

|                          |                            |                 |               |                    |                 |
|--------------------------|----------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Magnesium hydroxide</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {Mg(OH) <sub>2</sub> }     |                 |               |                    |                 |
| <b>chemical group:</b>   | IOBA                       | <b>CAS-No.:</b> | 1309-42-8     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                          | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                          | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                          | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                          | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                          | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                          | 150             | °C            | resistant          |                 |

|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Magnesium salts</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                     |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                   | <b>CAS-No.:</b> | 7439-95-4     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 150             | °C            | resistant          |                 |

|                          |                |                 |               |                    |                 |
|--------------------------|----------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Mercury</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {Hg}           |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE           | <b>CAS-No.:</b> | 7439-97-6     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %              | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %              | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %              | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %              | 100             | °C            | resistant          |                 |



|                          |                |                 |               |                    |                 |
|--------------------------|----------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Mercury</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {Hg}           |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE           | <b>CAS-No.:</b> | 7439-97-6     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %              | 125             | °C            | resistant          |                 |

|                          |                         |                 |               |                    |                 |
|--------------------------|-------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Mercury chloride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {HgCl <sub>2</sub> }    |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                    | <b>CAS-No.:</b> | 7487-94-7     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                       | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                       | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                       | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                       | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                       | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                       | 150             | °C            | resistant          |                 |

|                          |                                      |                 |               |                    |                 |
|--------------------------|--------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Mercury nitrate</b>               |                 |               |                    |                 |
| <b>chemical formula:</b> | {Hg(NO <sub>3</sub> ) <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                                 | <b>CAS-No.:</b> | 10045-94-0    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                    | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                    | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                    | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                    | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                    | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                    | 150             | °C            | resistant          |                 |

|                          |                      |                 |               |                    |                 |
|--------------------------|----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Mercury salts</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                   |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                 | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                    | RT              | °C            | resistant          |                 |

|                          |                      |                 |               |                    |                 |
|--------------------------|----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Mercury salts</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                   |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                 | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                    | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                    | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                    | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                    | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                    | 150             | °C            | resistant          |                 |

|                          |                |                 |               |                    |                 |
|--------------------------|----------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Methane</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH4}          |                 |               |                    |                 |
| <b>chemical group:</b>   | ALHC           | <b>CAS-No.:</b> | 74-82-8       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | 150             | °C            | resistant          |                 |

|                          |                 |                 |               |                    |                 |
|--------------------------|-----------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Methanol</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH3OH}         |                 |               |                    |                 |
| <b>chemical group:</b>   | ALCO            | <b>CAS-No.:</b> | 67-56-1       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %               | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %               | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %               | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %               | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %               | 125             | °C            | resistant          |                 |

|                          |                      |                 |               |                    |                 |
|--------------------------|----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Methanol</b>      |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> OH} |                 |               |                    |                 |
| <b>chemical group:</b>   | ALCO                 | <b>CAS-No.:</b> | 67-56-1       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | 150             | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Methyl chloroacetate</b>             |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>2</sub> ClCOOCH <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   |   | <b>CAS-No.:</b> | 96-34-4       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                       | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                       | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                       | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                       | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                       | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                       | 150             | °C            | resistant          |                 |

|                          |                       |                 |               |                    |                 |
|--------------------------|-----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Methyl cyanide</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> CN}  |                 |               |                    |                 |
| <b>chemical group:</b>   | NITR                  | <b>CAS-No.:</b> | 75-05-8       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                     | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                     | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                     | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                     | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                     | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                     | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Methyl dichloroacetate</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {Cl <sub>2</sub> CHCOOCH <sub>3</sub> - C <sub>3</sub> H <sub>4</sub> Cl <sub>2</sub> O <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ESTR   | <b>CAS-No.:</b> | 116-54-1      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | RT              | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Methyl dichloroacetate</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {Cl <sub>2</sub> CHCOOCH <sub>3</sub> - C <sub>3</sub> H <sub>4</sub> Cl <sub>2</sub> O <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ESTR   | <b>CAS-No.:</b> | 116-54-1      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 150             | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Methyl ethyl ketone</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> COC <sub>2</sub> H <sub>5</sub> - C <sub>4</sub> H <sub>8</sub> O} |                 |               |                    |                 |
| <b>chemical group:</b>   | AL/K  | <b>CAS-No.:</b> | 78-93-3       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Methyl isobutyl ketone</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {(CH <sub>3</sub> ) <sub>2</sub> CHCH <sub>2</sub> COCH <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | AL/K   | <b>CAS-No.:</b> | 108-10-1      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 125             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Methyl isobutyl ketone</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {(CH <sub>3</sub> ) <sub>2</sub> CHCH <sub>2</sub> COCH <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | AL/K   | <b>CAS-No.:</b> | 108-10-1      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 150             | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Methylamine</b>                                    |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> NH <sub>2</sub> - CH <sub>5</sub> N} |                 |               |                    |                 |
| <b>chemical group:</b>   | AMIN  | <b>CAS-No.:</b> | 74-89-5       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 32                       | %   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 32                       | %   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 32                       | %   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 32                       | %   | 100             | °C            | resistant          |                 |

|                          |                                    |                 |               |                    |                 |
|--------------------------|------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Methylene chloride</b>          |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>2</sub> Cl <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | CFHC                               | <b>CAS-No.:</b> | 75-09-2       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                  | 150             | °C            | resistant          |                 |

|                          |                     |                 |               |                    |                 |
|--------------------------|---------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Mineral oils</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                  |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC                | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                   | 50              | °C            | resistant          |                 |

|                          |                     |                 |               |                    |                 |
|--------------------------|---------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Mineral oils</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                  |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC                | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                   | 150             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                   | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |   |
|--------------------------|--|-----------------|---------------|--------------------|---|
| <b>chemical:</b>         | <b>Mixed acid Nitric acid-Hydrofluoric acid-Sulphuric acid</b>     |                 |               |                    |   |
| <b>chemical formula:</b> | {15% HNO <sub>3</sub> -15% HF-18% H <sub>2</sub> SO <sub>4</sub> } |                 |               |                    |   |
| <b>chemical group:</b>   |  | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |   |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>   |
| --                       | %  | RT              | °C            | resistant          | Concentration 7,5% HNO <sub>3</sub> 2,7% HF 6% H <sub>2</sub> SO <sub>4</sub> |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>   |
| --                       | %  | 40              | °C            | resistant          | Concentration 7,5% HNO <sub>3</sub> 2,7% HF 6% H <sub>2</sub> SO <sub>4</sub> |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>   |
| --                       | %  | 75              | °C            | resistant          | Concentration 7,5% HNO <sub>3</sub> 2,7% HF 6% H <sub>2</sub> SO <sub>4</sub> |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>   |
| --                       | %  | 100             | °C            | resistant          | Concentration 7,5% HNO <sub>3</sub> 2,7% HF 6% H <sub>2</sub> SO <sub>4</sub> |

|                          |  |                 |               |                    |  |
|--------------------------|--|-----------------|---------------|--------------------|--|
| <b>chemical:</b>         | <b>Mixed acid Sulphuric acid-Phosphoric acid-aqueous</b>                                       |                 |               |                    |  |
| <b>chemical formula:</b> | {30% H <sub>2</sub> SO <sub>4</sub> -60% H <sub>3</sub> PO <sub>4</sub> -10% H <sub>2</sub> O} |                 |               |                    |  |
| <b>chemical group:</b>   |  | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |  |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>  |
| --                       | %  | RT              | °C            | resistant          | Concentration 30% H <sub>2</sub> SO <sub>4</sub> 60% H <sub>3</sub> PO <sub>4</sub> 10% H <sub>2</sub> O |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>  |
| --                       | %  | 40              | °C            | resistant          | Concentration 30% H <sub>2</sub> SO <sub>4</sub> 60% H <sub>3</sub> PO <sub>4</sub> 10% H <sub>2</sub> O |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>  |
| --                       | %  | 75              | °C            | resistant          | Concentration 30% H <sub>2</sub> SO <sub>4</sub> 60% H <sub>3</sub> PO <sub>4</sub> 10% H <sub>2</sub> O |

|                          |  |               |                 |                    |   |
|--------------------------|--|---------------|-----------------|--------------------|---|
| <b>chemical:</b>         | <b>Mixed acid Sulphuric acid-Phosphoric acid-aqueous</b> |               |                 |                    |   |
| <b>chemical formula:</b> | {30% H2SO4-60% H3PO4-10% H2O}                            |               |                 |                    |   |
| <b>chemical group:</b>   | <b>CAS-No.:</b>  | --            | <b>Syn-No.:</b> |                    |   |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b> | <b>Value:</b>   | <b>Resistance:</b> | <b>Remarks:</b>                           |
| --                       | %  | 100           | °C              | resistant          | Concentration 30% H2SO4 60% H3PO4 10% H2O |

|                          |                 |               |                 |                    |                 |
|--------------------------|-----------------|---------------|-----------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Naphtha</b>  |               |                 |                    |                 |
| <b>chemical formula:</b> | --              |               |                 |                    |                 |
| <b>chemical group:</b>   | <b>CAS-No.:</b> | 8030-30-6     | <b>Syn-No.:</b> |                    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b> | <b>Value:</b>   | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %               | 50            | °C              | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b> | <b>Value:</b>   | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %               | 75            | °C              | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b> | <b>Value:</b>   | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %               | 100           | °C              | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b> | <b>Value:</b>   | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %               | 125           | °C              | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b> | <b>Value:</b>   | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %               | 150           | °C              | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b> | <b>Value:</b>   | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %               | RT            | °C              | resistant          |                 |

|                          |                    |               |                 |                    |                 |
|--------------------------|--------------------|---------------|-----------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Naphthalene</b> |               |                 |                    |                 |
| <b>chemical formula:</b> | {C10H8}            |               |                 |                    |                 |
| <b>chemical group:</b>   | <b>CAS-No.:</b>    | 91-20-3       | <b>Syn-No.:</b> |                    |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b> | <b>Value:</b>   | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                  | RT            | °C              | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b> | <b>Value:</b>   | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                  | 50            | °C              | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b> | <b>Value:</b>   | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                  | 75            | °C              | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b> | <b>Value:</b>   | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                  | 100           | °C              | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b> | <b>Value:</b>   | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                  | 125           | °C              | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b> | <b>Value:</b>   | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                  | 150           | °C              | resistant          |                 |

|                          |                  |               |                 |                    |                 |
|--------------------------|------------------|---------------|-----------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>n-Hexanol</b> |               |                 |                    |                 |
| <b>chemical formula:</b> | {CH3(CH2)5OH}    |               |                 |                    |                 |
| <b>chemical group:</b>   | <b>CAS-No.:</b>  | 111-27-3      | <b>Syn-No.:</b> |                    |                 |
| <b>Conc.:</b>            | <b>Value:</b>    | <b>Temp.:</b> | <b>Value:</b>   | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                | RT            | °C              | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>n-Hexanol</b>                                     |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> (CH <sub>2</sub> ) <sub>5</sub> OH} |                 |               |                    |                 |
| <b>chemical group:</b>   | ALCO   | <b>CAS-No.:</b> | 111-27-3      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 150             | °C            | resistant          |                 |

|                          |                     |                 |               |                    |                 |
|--------------------------|---------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Nitric acid</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {HNO <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC                | <b>CAS-No.:</b> | 7697-37-2     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 20                       | %                   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 65                       | %                   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 65                       | %                   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 65                       | %                   | 150             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 80                       | %                   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 80                       | %                   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 80                       | %                   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 85                       | %                   | 40              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 85                       | %                   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 85                       | %                   | 60              | °C            | resistant          |                 |



|                          |                     |                 |               |                    |                 |
|--------------------------|---------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Nitric acid</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {HNO <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC                | <b>CAS-No.:</b> | 7697-37-2     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 85                       | %                   | 80              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 85                       | %                   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 85                       | %                   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 85                       | %                   | 150             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Nitrobenzene</b>                              |                 |               |                    |                 |
| <b>chemical formula:</b> | {C <sub>6</sub> H <sub>5</sub> NO <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ARHC   | <b>CAS-No.:</b> | 98-95-3       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 150             | °C            | resistant          |                 |

|                          |                                    |                 |               |                    |                 |
|--------------------------|------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Nitromethane</b>                |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> NO <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ALHC                               | <b>CAS-No.:</b> | 75-52-5       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                  | 50              | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Nitrotoluene</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {C <sub>6</sub> H <sub>4</sub> CH <sub>3</sub> NO <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ARHC   | <b>CAS-No.:</b> | 1321-12-6     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 125             | °C            | resistant          |                 |

|                          |                                     |                 |               |                    |                 |
|--------------------------|-------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Nitrous oxide (laughing gas)</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {N <sub>2</sub> O}                  |                 |               |                    |                 |
| <b>chemical group:</b>   |                                     | <b>CAS-No.:</b> | 10024-97-2    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                   | 100             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Octadecenoic acid (9-)</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> (CH <sub>2</sub> ) <sub>7</sub> CHCH(CH <sub>2</sub> ) <sub>7</sub> COOH - C <sub>18</sub> H <sub>34</sub> O <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC   | <b>CAS-No.:</b> | 112-80-1      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | RT              | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Octadecenoic acid (9-)</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> (CH <sub>2</sub> ) <sub>7</sub> CHCH(CH <sub>2</sub> ) <sub>7</sub> COOH - C <sub>18</sub> H <sub>34</sub> O <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC   | <b>CAS-No.:</b> | 112-80-1      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 150             | °C            | resistant          |                 |

|                          |                                   |                 |               |                    |                 |
|--------------------------|-----------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Octane (n-)</b>                |                 |               |                    |                 |
| <b>chemical formula:</b> | {C <sub>8</sub> H <sub>18</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ALHC                              | <b>CAS-No.:</b> | 111-65-9      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                 | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                 | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                 | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                 | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                 | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                 | 150             | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Octene</b>   |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> (CH <sub>2</sub> ) <sub>5</sub> CH:CH <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ALHC  | <b>CAS-No.:</b> | 25377-83-7    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 125             | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Octene</b>   |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> (CH <sub>2</sub> ) <sub>5</sub> CH:CH <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ALHC  | <b>CAS-No.:</b> | 25377-83-7    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Oleum (Concentration 90:10 %)</b>               |                 |               |                    |                 |
| <b>chemical formula:</b> | {H <sub>2</sub> SO <sub>4</sub> +SO <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC   | <b>CAS-No.:</b> | 8014-95-7     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 150             | °C            | resistant          |                 |

|                          |                  |                 |               |                    |                 |
|--------------------------|------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Olive oil</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --               |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC             | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                | 150             | °C            | resistant          |                 |

|                          |                    |                 |               |                    |                 |
|--------------------------|--------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Oxalic acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {HOOC-COOH}        |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC               | <b>CAS-No.:</b> | 144-62-7      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                  | RT              | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Oxalic acid</b>       |                 |               |                    |                 |
| <b>chemical formula:</b> | {HOOC <sup>-</sup> COOH} |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC                     | <b>CAS-No.:</b> | 144-62-7      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 150             | °C            | resistant          |                 |

|                          |                   |                 |               |                    |                 |
|--------------------------|-------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Oxygen</b>     |                 |               |                    |                 |
| <b>chemical formula:</b> | {O <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE              | <b>CAS-No.:</b> | 7782-44-7     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                 | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                 | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                 | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                 | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                 | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                 | 150             | °C            | resistant          |                 |

|                          |                   |                 |               |                    |                 |
|--------------------------|-------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Ozone</b>      |                 |               |                    |                 |
| <b>chemical formula:</b> | {O <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE              | <b>CAS-No.:</b> | 10028-15-6    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                 | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                 | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                 | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                 | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                 | 125             | °C            | resistant          |                 |

|                          |                   |                 |               |                    |                 |
|--------------------------|-------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Ozone</b>      |                 |               |                    |                 |
| <b>chemical formula:</b> | {O <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE              | <b>CAS-No.:</b> | 10028-15-6    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                 | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Palmitic acid</b>                   |                 |               |                    |                 |
| <b>chemical formula:</b> | {C <sub>15</sub> H <sub>31</sub> COOH} |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC                                   | <b>CAS-No.:</b> | 57-10-3       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                      | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                      | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                      | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                      | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                      | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                      | 150             | °C            | resistant          |                 |

|                          |                                     |                 |               |                    |                 |
|--------------------------|-------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Paraffin</b>                     |                 |               |                    |                 |
| <b>chemical formula:</b> | {C <sub>n</sub> H <sub>2n+2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC                                | <b>CAS-No.:</b> | 8012-95-1     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                   | 150             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Paraffin emulsion</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                       |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC                     | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                        | RT              | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Paraffin emulsion</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                       |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC                     | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                        | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                        | 125             | °C            | resistant          |                 |

|                          |                      |                 |               |                    |                 |
|--------------------------|----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Paraffine oil</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                   |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC                 | <b>CAS-No.:</b> | 8012-95-1     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                    | 150             | °C            | resistant          |                 |

|                          |                      |                 |               |                    |                 |
|--------------------------|----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Pentanol (n-)</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C5H11OH - C5H12O}   |                 |               |                    |                 |
| <b>chemical group:</b>   | ALCO                 | <b>CAS-No.:</b> | 71-41-0       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | RT              | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | 75              | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | 100             | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | 125             | °C            | resistant          | technical pure  |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | 150             | °C            | resistant          | technical pure  |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Pentyl acetate Synonym Amyl acetate</b>           |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> COOC <sub>5</sub> H <sub>11</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ESTR   | <b>CAS-No.:</b> | 628-63-7      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 150             | °C            | resistant          |                 |

|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Perchloric acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {HClO <sub>4</sub> }   |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC                   | <b>CAS-No.:</b> | 7601-90-3     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                      | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                      | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                      | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                      | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                      | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 70                       | %                      | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 70                       | %                      | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 70                       | %                      | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 70                       | %                      | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 70                       | %                      | 125             | °C            | resistant          |                 |



|                          |                           |                 |               |                    |                 |
|--------------------------|---------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Petrol, unleaded</b>   |                 |               |                    |                 |
| <b>chemical formula:</b> | {from C5H12 up to C12H26} |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC                      | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                         | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                         | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                         | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                         | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                         | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                         | 150             | °C            | resistant          |                 |

|                          |                  |                 |               |                    |                 |
|--------------------------|------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Petroleum</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --               |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC             | <b>CAS-No.:</b> | 8002-05-9     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                | 150             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                | RT              | °C            | resistant          |                 |

|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Petroleum ether</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                     |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC                   | <b>CAS-No.:</b> | 8032-32-4     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                      | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                      | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                      | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                      | 100             | °C            | resistant          |                 |

|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Petroleum ether</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                     |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC                   | <b>CAS-No.:</b> | 8032-32-4     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                      | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                      | 150             | °C            | resistant          |                 |

|                          |               |                 |               |                    |                 |
|--------------------------|---------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Phenol</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C6H5OH}      |                 |               |                    |                 |
| <b>chemical group:</b>   | PHEN          | <b>CAS-No.:</b> | 108-95-2      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %             | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %             | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %             | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %             | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %             | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %             | 150             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 90                       | %             | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 90                       | %             | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 90                       | %             | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 90                       | %             | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 90                       | %             | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 90                       | %             | 150             | °C            | resistant          |                 |

|                          |                             |                 |               |                    |                 |
|--------------------------|-----------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Phenol sulfonic acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {HOC6H4SO3H}                |                 |               |                    |                 |
| <b>chemical group:</b>   |                             | <b>CAS-No.:</b> | 1333-39-7     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                           | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                           | 50              | °C            | resistant          |                 |

|                          |                             |               |                 |                    |                 |
|--------------------------|-----------------------------|---------------|-----------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Phenol sulfonic acid</b> |               |                 |                    |                 |
| <b>chemical formula:</b> | {HOC6H4SO3H}                |               |                 |                    |                 |
| <b>chemical group:</b>   | <b>CAS-No.:</b>             | 1333-39-7     | <b>Syn-No.:</b> |                    |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b> | <b>Value:</b>   | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                           | 75            | °C              | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b> | <b>Value:</b>   | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                           | 100           | °C              | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b> | <b>Value:</b>   | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                           | 125           | °C              | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b> | <b>Value:</b>   | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                           | 150           | °C              | resistant          |                 |

|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Phosphoric acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {H3PO4}                |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC                   | <b>CAS-No.:</b> | 7664-38-2     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 0,3                      | %                      | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 3                        | %                      | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 3                        | %                      | 80              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                      | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 25                       | %                      | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 25                       | %                      | 60              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                      | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                      | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                      | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                      | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                      | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                      | 150             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 85                       | %                      | 50              | °C            | resistant          |                 |

|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Phosphoric acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {H3PO4}                |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC                   | <b>CAS-No.:</b> | 7664-38-2     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 85                       | %                      | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 85                       | %                      | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 85                       | %                      | 150             | °C            | resistant          |                 |

|                          |                                |                 |               |                    |                 |
|--------------------------|--------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Phosphorous trichloride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {PCl3}                         |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE                           | <b>CAS-No.:</b> | 7719-12-2     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                              | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                              | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                              | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                              | 100             | °C            | resistant          |                 |

|                          |                               |                 |               |                    |                 |
|--------------------------|-------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Photographic developer</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                            |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE                          | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                             | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                             | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                             | 75              | °C            | resistant          |                 |

|                          |                      |                 |               |                    |                 |
|--------------------------|----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Phthalic acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C6H4(COOH)2}        |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC                 | <b>CAS-No.:</b> | 88-99-3       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                    | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                    | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                    | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                    | 100             | °C            | resistant          |                 |

|                          |                      |                 |               |                    |                 |
|--------------------------|----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Phthalic acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C6H4(COOH)2}        |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC                 | <b>CAS-No.:</b> | 88-99-3       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                    | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                    | 150             | °C            | resistant          |                 |

|                          |                    |                 |               |                    |                 |
|--------------------------|--------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Picric acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C6H2(NO2)3OH}     |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC               | <b>CAS-No.:</b> | 88-89-1       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                  | 150             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Potassium acetate</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {KC2H3O2}                |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                     | <b>CAS-No.:</b> | 127-08-2      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 150             | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Potassium alum</b>   |                 |               |                    |                 |
| <b>chemical formula:</b> | {Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> K <sub>2</sub> SO <sub>4</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   |   | <b>CAS-No.:</b> | 7784-24-9     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %   | 150             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Potassium bromate</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {KBrO <sub>3</sub> }     |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                     | <b>CAS-No.:</b> | 7758-01-2     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 150             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Potassium bromide</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {KBr}                    |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                     | <b>CAS-No.:</b> | 7758-02-3     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 100             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Potassium bromide</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {KBr}                    |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                     | <b>CAS-No.:</b> | 7758-02-3     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 150             | °C            | resistant          |                 |

|                          |                                   |                 |               |                    |                 |
|--------------------------|-----------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Potassium carbonate</b>        |                 |               |                    |                 |
| <b>chemical formula:</b> | {K <sub>2</sub> CO <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                              | <b>CAS-No.:</b> | 584-08-7      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                 | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                 | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                 | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                 | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                 | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                 | 150             | °C            | resistant          |                 |

|                          |                           |                 |               |                    |                 |
|--------------------------|---------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Potassium chlorate</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {KClO <sub>3</sub> }      |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                      | <b>CAS-No.:</b> | 3811-04-9     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                         | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                         | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                         | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                         | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                         | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                         | 150             | °C            | resistant          |                 |

|                          |                           |                 |               |                    |                 |
|--------------------------|---------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Potassium chloride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {KCl}                     |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                      | <b>CAS-No.:</b> | 7447-40-7     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                         | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                         | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                         | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                         | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                         | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                         | 150             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Potassium cyanide</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {KCN}                    |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                     | <b>CAS-No.:</b> | 151-50-8      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Potassium dichromate</b>                      |                 |               |                    |                 |
| <b>chemical formula:</b> | {K <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT   | <b>CAS-No.:</b> | 7778-50-9     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %  | 100             | °C            | resistant          |                 |



|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Potassium dichromate</b>                      |                 |               |                    |                 |
| <b>chemical formula:</b> | {K <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT   | <b>CAS-No.:</b> | 7778-50-9     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %  | 150             | °C            | resistant          |                 |

|                          |                            |                 |               |                    |                 |
|--------------------------|----------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Potassium hydroxide</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {KOH}                      |                 |               |                    |                 |
| <b>chemical group:</b>   | IOBA                       | <b>CAS-No.:</b> | 1310-58-3     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                          | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                          | 80              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                          | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                          | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                          | 150             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Potassium nitrate</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {KNO <sub>3</sub> }      |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                     | <b>CAS-No.:</b> | 7757-79-1     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                        | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                        | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                        | 150             | °C            | resistant          |                 |

|                          |                              |                 |               |                    |                 |
|--------------------------|------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Potassium perchlorate</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {KClO <sub>4</sub> }         |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                         | <b>CAS-No.:</b> | 7778-74-7     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                            | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                            | 50              | °C            | resistant          |                 |

|                          |                              |                 |               |                    |                 |
|--------------------------|------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Potassium perchlorate</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {KClO <sub>4</sub> }         |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                         | <b>CAS-No.:</b> | 7778-74-7     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                            | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                            | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                            | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                            | 150             | °C            | resistant          |                 |

|                          |                               |                 |               |                    |                            |
|--------------------------|-------------------------------|-----------------|---------------|--------------------|----------------------------|
| <b>chemical:</b>         | <b>Potassium permanganate</b> |                 |               |                    |                            |
| <b>chemical formula:</b> | {KMnO <sub>4</sub> }          |                 |               |                    |                            |
| <b>chemical group:</b>   | SALT                          | <b>CAS-No.:</b> | 7722-64-7     | <b>Syn-No.:</b>    |                            |
| <b>Conc.:</b>            | <b>Value:</b>                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                             | RT              | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                             | 50              | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                             | 75              | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                             | 100             | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                             | 125             | °C            | resistant          | saturated aqueous solution |
| <b>Conc.:</b>            | <b>Value:</b>                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>            |
| GL                       | %                             | 150             | °C            | resistant          | saturated aqueous solution |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Potassium persulfate</b>                     |                 |               |                    |                 |
| <b>chemical formula:</b> | {K <sub>2</sub> S <sub>2</sub> O <sub>8</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT  | <b>CAS-No.:</b> | 7727-21-1     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %   | 150             | °C            | resistant          |                 |

|                          |                                   |                 |               |                    |                 |
|--------------------------|-----------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Potassium sulfite</b>          |                 |               |                    |                 |
| <b>chemical formula:</b> | {K <sub>2</sub> SO <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   |                                   | <b>CAS-No.:</b> | 10117-38-1    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                 | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                 | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                 | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                 | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                 | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                                 | 150             | °C            | resistant          |                 |

|                          |                                   |                 |               |                    |                 |
|--------------------------|-----------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Potassium sulphate</b>         |                 |               |                    |                 |
| <b>chemical formula:</b> | {K <sub>2</sub> SO <sub>4</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                              | <b>CAS-No.:</b> | 7778-80-5     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                 | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                 | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                 | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                 | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                 | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                 | 150             | °C            | resistant          |                 |

|                          |                           |                 |               |                    |                 |
|--------------------------|---------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Potassium sulphide</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {K <sub>2</sub> S}        |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                      | <b>CAS-No.:</b> | 1312-73-8     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                         | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                         | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                         | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                         | 100             | °C            | resistant          |                 |

|                          |                           |                 |               |                    |                 |
|--------------------------|---------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Potassium sulphide</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {K <sub>2</sub> S}        |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                      | <b>CAS-No.:</b> | 1312-73-8     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                         | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                         | 150             | °C            | resistant          |                 |

|                          |                                  |                 |               |                    |                 |
|--------------------------|----------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Propane gaseous</b>           |                 |               |                    |                 |
| <b>chemical formula:</b> | {C <sub>3</sub> H <sub>8</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ALHC                             | <b>CAS-No.:</b> | 74-98-6       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Propanol (n-)</b>   |                 |               |                    |                 |
| <b>chemical formula:</b> | {C <sub>3</sub> H <sub>7</sub> OH - C <sub>3</sub> H <sub>8</sub> O} |                 |               |                    |                 |
| <b>chemical group:</b>   | ALCO   | <b>CAS-No.:</b> | 71-23-8       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Propionic acid</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {C <sub>2</sub> H <sub>5</sub> COOH - C <sub>3</sub> H <sub>6</sub> O <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC   | <b>CAS-No.:</b> | 79-09-4       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 150             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %  | 150             | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Propyl acetate</b>                               |                 |               |                    |                 |
| <b>chemical formula:</b> | {C <sub>3</sub> H <sub>7</sub> OOCCH <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ESTR  | <b>CAS-No.:</b> | 109-60-4      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 125             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Propylene glycol</b>                  |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> CHOHCH <sub>2</sub> OH} |                 |               |                    |                 |
| <b>chemical group:</b>   | ALCO                                     | <b>CAS-No.:</b> | 57-55-6       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 150             | °C            | resistant          |                 |

|                          |                       |                 |               |                    |                 |
|--------------------------|-----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Pyridine</b>       |                 |               |                    |                 |
| <b>chemical formula:</b> | {N(CH) <sub>5</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | AMIN                  | <b>CAS-No.:</b> | 110-86-1      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Pyrogallol</b>                                  |                 |               |                    |                 |
| <b>chemical formula:</b> | {C <sub>6</sub> H <sub>3</sub> (OH) <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | PHEN   | <b>CAS-No.:</b> | 87-66-1       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 100             | °C            | resistant          |                 |

|                          |                   |                 |               |                    |                 |
|--------------------------|-------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Pyrogallol</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C6H3(OH)3}       |                 |               |                    |                 |
| <b>chemical group:</b>   | PHEN              | <b>CAS-No.:</b> | 87-66-1       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                 | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                 | 150             | °C            | resistant          |                 |

|                          |                   |                 |               |                    |                 |
|--------------------------|-------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Resorcinol</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C6H4(OH)2}       |                 |               |                    |                 |
| <b>chemical group:</b>   | PHEN              | <b>CAS-No.:</b> | 108-46-3      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                 | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                 | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                 | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                 | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                 | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                 | 150             | °C            | resistant          |                 |

|                          |                                |                 |               |                    |                 |
|--------------------------|--------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Ricinus oil/ Castor oil</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                             |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC                           | <b>CAS-No.:</b> | 8001-79-4     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 100                      | %                              | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 100                      | %                              | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 100                      | %                              | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 100                      | %                              | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 100                      | %                              | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 100                      | %                              | 150             | °C            | resistant          |                 |

|                          |                 |                 |               |                    |                 |
|--------------------------|-----------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Road tar</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --              |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC            | <b>CAS-No.:</b> | 8052-42-4     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %               | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %               | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %               | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %               | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %               | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %               | 150             | °C            | resistant          |                 |

|                          |                       |                 |               |                    |                 |
|--------------------------|-----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Salicylic acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C6H4(OH)(COOH)}      |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC                  | <b>CAS-No.:</b> | 69-72-7       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 150             | °C            | resistant          |                 |

|                          |                     |                 |               |                    |                 |
|--------------------------|---------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Silicic acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {H4SiO4; H2SiO5}    |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC                | <b>CAS-No.:</b> | 7699-41-4     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 100             | °C            | resistant          |                 |



|                          |                     |                 |               |                    |                 |
|--------------------------|---------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Silicic acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {H4SiO4; H2SiO5}    |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC                | <b>CAS-No.:</b> | 7699-41-4     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                   | 150             | °C            | resistant          |                 |

|                          |                     |                 |               |                    |                 |
|--------------------------|---------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Silicone oil</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                  |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC                | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                   | 150             | °C            | resistant          |                 |

|                          |                       |                 |               |                    |                 |
|--------------------------|-----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Silver nitrate</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {AgNO3}               |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                  | <b>CAS-No.:</b> | 7761-88-8     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                     | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                     | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                     | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                     | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                     | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                     | 150             | °C            | resistant          |                 |

|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sodium (molten)</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {Na}                   |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE                   | <b>CAS-No.:</b> | 7440-23-5     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                      | RT              | °C            | not resistant      |                 |

|                          |                       |                 |               |                    |                 |
|--------------------------|-----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sodium acetate</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {NaC2H3O2; CH3COONa}  |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                  | <b>CAS-No.:</b> | 127-09-3      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 150             | °C            | resistant          |                 |

|                          |                           |                 |               |                    |                 |
|--------------------------|---------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sodium bicarbonate</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {NaHCO3}                  |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                      | <b>CAS-No.:</b> | 144-55-8      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                         | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                         | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                         | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                         | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                         | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                         | 150             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sodium bisulphate</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {NaHSO4}                 |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                     | <b>CAS-No.:</b> | 7681-38-1     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                        | RT              | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sodium bisulphate</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {NaHSO <sub>4</sub> }    |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                     | <b>CAS-No.:</b> | 7681-38-1     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                        | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                        | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                        | 150             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sodium bisulphite</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {NaHSO <sub>3</sub> }    |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                     | <b>CAS-No.:</b> | 7631-90-5     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                        | 150             | °C            | resistant          |                 |

|                          |                                    |                 |               |                    |                 |
|--------------------------|------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sodium carbonate</b>            |                 |               |                    |                 |
| <b>chemical formula:</b> | {Na <sub>2</sub> CO <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                               | <b>CAS-No.:</b> | 497-19-8      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                  | 125             | °C            | resistant          |                 |

|                          |                                    |                 |               |                    |                 |
|--------------------------|------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sodium carbonate</b>            |                 |               |                    |                 |
| <b>chemical formula:</b> | {Na <sub>2</sub> CO <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                               | <b>CAS-No.:</b> | 497-19-8      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                  | 150             | °C            | resistant          |                 |

|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sodium chlorate</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {NaClO <sub>3</sub> }  |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                   | <b>CAS-No.:</b> | 7775-09-9     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 30                       | %                      | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 30                       | %                      | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 30                       | %                      | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 30                       | %                      | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 30                       | %                      | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 30                       | %                      | 150             | °C            | resistant          |                 |

|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sodium chloride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {NaCl}                 |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                   | <b>CAS-No.:</b> | 7647-14-5     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 150             | °C            | resistant          |                 |

|                          |                       |                 |               |                    |                 |
|--------------------------|-----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sodium cyanide</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {NaCN}                |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                  | <b>CAS-No.:</b> | 143-33-9      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | RT              | °C            | resistant          |                 |

|                          |               |                       |                          |                    |                 |
|--------------------------|---------------|-----------------------|--------------------------|--------------------|-----------------|
| <b>chemical:</b>         |               | <b>Sodium cyanide</b> |                          |                    |                 |
| <b>chemical formula:</b> |               | {NaCN}                |                          |                    |                 |
| <b>chemical group:</b>   |               | SALT                  | <b>CAS-No.:</b> 143-33-9 | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>         | <b>Value:</b>            | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %             | 50                    | °C                       | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>         | <b>Value:</b>            | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %             | 75                    | °C                       | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>         | <b>Value:</b>            | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %             | 100                   | °C                       | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>         | <b>Value:</b>            | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %             | 125                   | °C                       | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>         | <b>Value:</b>            | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %             | 150                   | °C                       | resistant          |                 |

|                          |               |   |                            |                    |                 |
|--------------------------|---------------|---|----------------------------|--------------------|-----------------|
| <b>chemical:</b>         |               | <b>Sodium dichromate</b>                          |                            |                    |                 |
| <b>chemical formula:</b> |               | {Na <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub> } |                            |                    |                 |
| <b>chemical group:</b>   |               | SALT  | <b>CAS-No.:</b> 10588-01-9 | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>                                     | <b>Value:</b>              | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %             | RT  | °C                         | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>                                     | <b>Value:</b>              | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %             | 50  | °C                         | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>                                     | <b>Value:</b>              | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %             | 75  | °C                         | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>                                     | <b>Value:</b>              | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %             | 100   | °C                         | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>                                     | <b>Value:</b>              | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %             | 125   | °C                         | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>                                     | <b>Value:</b>              | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %             | 150   | °C                         | resistant          |                 |

|                          |               |                         |                           |                    |                 |
|--------------------------|---------------|-------------------------|---------------------------|--------------------|-----------------|
| <b>chemical:</b>         |               | <b>Sodium hydroxide</b> |                           |                    |                 |
| <b>chemical formula:</b> |               | {NaOH}                  |                           |                    |                 |
| <b>chemical group:</b>   |               | IOBA                    | <b>CAS-No.:</b> 1310-73-2 | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>           | <b>Value:</b>             | <b>Resistance:</b> | <b>Remarks:</b> |
| 1                        | %             | RT                      | °C                        | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>           | <b>Value:</b>             | <b>Resistance:</b> | <b>Remarks:</b> |
| 5                        | %             | 80                      | °C                        | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>           | <b>Value:</b>             | <b>Resistance:</b> | <b>Remarks:</b> |
| 5                        | %             | 150                     | °C                        | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>           | <b>Value:</b>             | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %             | RT                      | °C                        | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>           | <b>Value:</b>             | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %             | 100                     | °C                        | resistant          |                 |

| chemical:         |        | Sodium hydroxide |          |             |          |
|-------------------|--------|------------------|----------|-------------|----------|
| chemical formula: |        | {NaOH}           |          |             |          |
| chemical group:   |        | IOBA             | CAS-No.: | 1310-73-2   | Syn-No.: |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 10                | %      | 125              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 10                | %      | 150              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 15                | %      | RT               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 15                | %      | 100              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 15                | %      | 150              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 20                | %      | RT               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 25                | %      | 150              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 30                | %      | RT               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 30                | %      | 80               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 30                | %      | 100              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 30                | %      | 125              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 30                | %      | 150              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 40                | %      | 80               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 40                | %      | 100              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 40                | %      | 125              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 40                | %      | 150              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 50                | %      | RT               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 50                | %      | 80               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 50                | %      | 100              | °C       | resistant   |          |

| chemical:         |        | Sodium hydroxide |          |             |          |
|-------------------|--------|------------------|----------|-------------|----------|
| chemical formula: |        | {NaOH}           |          |             |          |
| chemical group:   |        | IOBA             | CAS-No.: | 1310-73-2   | Syn-No.: |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 50                | %      | 125              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 50                | %      | 150              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 60                | %      | 25               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 60                | %      | 50               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 60                | %      | 75               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 60                | %      | 100              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 60                | %      | 125              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 60                | %      | 150              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 70                | %      | 25               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 70                | %      | 50               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 70                | %      | 75               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 70                | %      | 100              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 70                | %      | 125              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 70                | %      | 150              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 80                | %      | 25               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 80                | %      | 50               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 80                | %      | 75               | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 80                | %      | 100              | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:           | Value:   | Resistance: | Remarks: |
| 80                | %      | 125              | °C       | resistant   |          |

|                          |                            |                 |               |                    |                 |
|--------------------------|----------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sodium hydroxide</b>    |                 |               |                    |                 |
| <b>chemical formula:</b> | {NaOH}                     |                 |               |                    |                 |
| <b>chemical group:</b>   | IOBA                       | <b>CAS-No.:</b> | 1310-73-2     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 80                       | %                          | 150             | °C            | resistant          |                 |
| <b>chemical:</b>         | <b>Sodium hypochlorite</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {NaOCl}                    |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                       | <b>CAS-No.:</b> | 7681-52-9     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 5                        | %                          | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 5                        | %                          | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 5                        | %                          | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 5                        | %                          | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 5                        | %                          | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 5                        | %                          | 150             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 12                       | %                          | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 12                       | %                          | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 12                       | %                          | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 12                       | %                          | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 12                       | %                          | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 12                       | %                          | 150             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                          | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                          | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                          | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                          | 100             | °C            | resistant          |                 |



|                          |                            |                 |               |                    |                 |
|--------------------------|----------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sodium hypochlorite</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {NaOCl}                    |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                       | <b>CAS-No.:</b> | 7681-52-9     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                          | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                          | 150             | °C            | resistant          |                 |

|                          |                       |                 |               |                    |                 |
|--------------------------|-----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sodium nitrate</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {NaNO3}               |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                  | <b>CAS-No.:</b> | 7631-99-4     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 150             | °C            | resistant          |                 |

|                          |                       |                 |               |                    |                 |
|--------------------------|-----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sodium nitrite</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {NaNO2}               |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                  | <b>CAS-No.:</b> | 7632-00-0     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                         |
|--------------------------|--|-----------------|---------------|--------------------|-------------------------|
| <b>chemical:</b>         | <b>Sodium persulfate</b>                         |                 |               |                    |                         |
| <b>chemical formula:</b> | {Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub> } |                 |               |                    |                         |
| <b>chemical group:</b>   | SALT   | <b>CAS-No.:</b> | 7775-27-1     | <b>Syn-No.:</b>    |                         |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>         |
| UV                       | %  | 20              | °C            | resistant          | cold saturated, aqueous |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>         |
| UV                       | %  | 50              | °C            | resistant          | cold saturated, aqueous |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>         |
| UV                       | %  | 75              | °C            | resistant          | cold saturated, aqueous |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>         |
| UV                       | %  | 100             | °C            | resistant          | cold saturated, aqueous |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>         |
| UV                       | %  | 125             | °C            | resistant          | cold saturated, aqueous |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b>         |
| UV                       | %  | 150             | °C            | resistant          | cold saturated, aqueous |

|                          |                                    |                 |               |                    |                 |
|--------------------------|------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sodium phosphate</b>            |                 |               |                    |                 |
| <b>chemical formula:</b> | {Na <sub>3</sub> PO <sub>4</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                               | <b>CAS-No.:</b> | 7601-54-9     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                  | 150             | °C            | resistant          |                 |

|                          |                     |                 |               |                    |                 |
|--------------------------|---------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sodium salts</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                  |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                | <b>CAS-No.:</b> | 7440-23-5     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                   | 100             | °C            | resistant          |                 |

|                          |                     |                 |               |                    |                 |
|--------------------------|---------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sodium salts</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                  |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                | <b>CAS-No.:</b> | 7440-23-5     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                   | 150             | °C            | resistant          |                 |

|                          |                                     |                 |               |                    |                 |
|--------------------------|-------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sodium silicate</b>              |                 |               |                    |                 |
| <b>chemical formula:</b> | {Na <sub>2</sub> SiO <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                                | <b>CAS-No.:</b> | 1344-09-8     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                   | 150             | °C            | resistant          |                 |

|                          |                                    |                 |               |                    |                 |
|--------------------------|------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sodium sulphate</b>             |                 |               |                    |                 |
| <b>chemical formula:</b> | {Na <sub>2</sub> SO <sub>4</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                               | <b>CAS-No.:</b> | 7757-82-6     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                  | 150             | °C            | resistant          |                 |

|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sodium sulphide</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {Na <sub>2</sub> S}    |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                   | <b>CAS-No.:</b> | 1313-82-2     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 150             | °C            | resistant          |                 |

|                          |                                    |                 |               |                    |                 |
|--------------------------|------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sodium sulphite</b>             |                 |               |                    |                 |
| <b>chemical formula:</b> | {Na <sub>2</sub> SO <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                               | <b>CAS-No.:</b> | 7757-83-7     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                  | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sodium thiosulphate</b>                       |                 |               |                    |                 |
| <b>chemical formula:</b> | {Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT   | <b>CAS-No.:</b> | 7772-98-7     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %  | 100             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sodium thiosulphate</b>                       |                 |               |                    |                 |
| <b>chemical formula:</b> | {Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT   | <b>CAS-No.:</b> | 7772-98-7     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %  | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Steam sterilisation 50 cycles (DIN 58946)</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --   |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE   | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 134             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Stearic acid</b>                    |                 |               |                    |                 |
| <b>chemical formula:</b> | {C <sub>17</sub> H <sub>35</sub> COOH} |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC                                   | <b>CAS-No.:</b> | 57-11-4       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                      | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                      | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                      | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                      | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                      | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                      | 150             | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Styrene</b>                                      |                 |               |                    |                 |
| <b>chemical formula:</b> | {C <sub>6</sub> H <sub>5</sub> CH:CH <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ARHC  | <b>CAS-No.:</b> | 100-42-5      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 125             | °C            | resistant          |                 |

|                          |                |                 |               |                    |                 |
|--------------------------|----------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Styrene</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C6H5CH:CH2}   |                 |               |                    |                 |
| <b>chemical group:</b>   | ARHC           | <b>CAS-No.:</b> | 100-42-5      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %              | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sulfur trioxide, traces or liquid or anhydrous or moist</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {SO3}  |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE   | <b>CAS-No.:</b> | 7446-11-9     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| --                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| --                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| --                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| --                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| --                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| --                       | %  | 150             | °C            | resistant          |                 |

|                          |                |                 |               |                    |                 |
|--------------------------|----------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sulphur</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {S}            |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE           | <b>CAS-No.:</b> | 7704-34-9     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %              | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %              | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %              | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %              | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %              | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %              | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %              | 150             | °C            | resistant          |                 |

|                          |                           |                 |               |                    |                 |
|--------------------------|---------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sulphur dichloride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {SCl2}                    |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE                      | <b>CAS-No.:</b> | 10545-99-0    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                         | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                         | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                         | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                         | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                         | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                         | 150             | °C            | resistant          |                 |

|                          |                             |                 |               |                    |                 |
|--------------------------|-----------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sulphur dioxide, wet</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {SO2}                       |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE                        | <b>CAS-No.:</b> | 7446-09-5     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                           | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                           | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                           | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                           | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                           | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                           | 150             | °C            | resistant          |                 |

|                          |                       |                 |               |                    |                 |
|--------------------------|-----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sulphuric acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {H2SO4}               |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC                  | <b>CAS-No.:</b> | 7664-93-9     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 1                        | %                     | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 2                        | %                     | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 3                        | %                     | 80              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 5                        | %                     | RT              | °C            | resistant          |                 |

|                          |                       |                 |               |                    |                 |
|--------------------------|-----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sulphuric acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {H2SO4}               |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC                  | <b>CAS-No.:</b> | 7664-93-9     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                     | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                     | 60              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                     | 80              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 10                       | %                     | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 20                       | %                     | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 25                       | %                     | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 25                       | %                     | 150             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 30                       | %                     | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 30                       | %                     | 60              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 30                       | %                     | 80              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 40                       | %                     | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 40                       | %                     | 60              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 40                       | %                     | 60              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 40                       | %                     | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 40                       | %                     | 150             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                     | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                     | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                     | 150             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 70                       | %                     | 100             | °C            | resistant          |                 |



| chemical:         |        | Sulphuric acid |          |             |          |
|-------------------|--------|----------------|----------|-------------|----------|
| chemical formula: |        | {H2SO4}        |          |             |          |
| chemical group:   |        | IOAC           | CAS-No.: | 7664-93-9   | Syn-No.: |
| Conc.:            | Value: | Temp.:         | Value:   | Resistance: | Remarks: |
| 70                | %      | 125            | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:         | Value:   | Resistance: | Remarks: |
| 70                | %      | 150            | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:         | Value:   | Resistance: | Remarks: |
| 80                | %      | RT             | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:         | Value:   | Resistance: | Remarks: |
| 90                | %      | 100            | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:         | Value:   | Resistance: | Remarks: |
| 90                | %      | 125            | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:         | Value:   | Resistance: | Remarks: |
| 90                | %      | 150            | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:         | Value:   | Resistance: | Remarks: |
| 93                | %      | 75             | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:         | Value:   | Resistance: | Remarks: |
| 93                | %      | 100            | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:         | Value:   | Resistance: | Remarks: |
| 93                | %      | 125            | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:         | Value:   | Resistance: | Remarks: |
| 93                | %      | 150            | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:         | Value:   | Resistance: | Remarks: |
| 96                | %      | RT             | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:         | Value:   | Resistance: | Remarks: |
| 96                | %      | 50             | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:         | Value:   | Resistance: | Remarks: |
| 96                | %      | 60             | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:         | Value:   | Resistance: | Remarks: |
| 96                | %      | 75             | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:         | Value:   | Resistance: | Remarks: |
| 96                | %      | 75             | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:         | Value:   | Resistance: | Remarks: |
| 96                | %      | 100            | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:         | Value:   | Resistance: | Remarks: |
| 96                | %      | 100            | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:         | Value:   | Resistance: | Remarks: |
| 96                | %      | 125            | °C       | resistant   |          |
| Conc.:            | Value: | Temp.:         | Value:   | Resistance: | Remarks: |
| 96                | %      | 150            | °C       | resistant   |          |

|                          |                                   |                 |               |                    |                 |
|--------------------------|-----------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sulphuric acid</b>             |                 |               |                    |                 |
| <b>chemical formula:</b> | {H <sub>2</sub> SO <sub>4</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | IOAC                              | <b>CAS-No.:</b> | 7664-93-9     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 98                       | %                                 | 25              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 98                       | %                                 | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 98                       | %                                 | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 98                       | %                                 | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 98                       | %                                 | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 98                       | %                                 | 150             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 98                       | %                                 | 150             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 100                      | %                                 | 25              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 100                      | %                                 | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 100                      | %                                 | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 100                      | %                                 | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 100                      | %                                 | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 100                      | %                                 | 150             | °C            | resistant          |                 |

|                          |                                   |                 |               |                    |                 |
|--------------------------|-----------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sulphurous acid</b>            |                 |               |                    |                 |
| <b>chemical formula:</b> | {H <sub>2</sub> SO <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   |                                   | <b>CAS-No.:</b> | 7782-99-2     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                 | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                 | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                 | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                                 | 100             | °C            | resistant          |                 |

|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sulphurous acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {H2SO3}                |                 |               |                    |                 |
| <b>chemical group:</b>   |                        | <b>CAS-No.:</b> | 7782-99-2     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                      | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Sulphuryl chloride (Sulphuryl chloride)</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {SO2Cl2}                                       |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE   | <b>CAS-No.:</b> | 7791-25-5     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 125             | °C            | resistant          |                 |

|                          |                    |                 |               |                    |                 |
|--------------------------|--------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Tannic acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C76H52O46}        |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC               | <b>CAS-No.:</b> | 1401-55-4     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>      | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                  | 150             | °C            | resistant          |                 |

|                          |                      |                 |               |                    |                 |
|--------------------------|----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Tartaric acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {HOOC(CHOH)2COOH}    |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC                 | <b>CAS-No.:</b> | 87-69-4       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | RT              | °C            | resistant          |                 |

|                          |                      |                 |               |                    |                 |
|--------------------------|----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Tartaric acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {HOOC(CHOH)2COOH}    |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC                 | <b>CAS-No.:</b> | 87-69-4       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                    | 150             | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Tetra Methyl Ammonium Hydroxide (TMAH)</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C4H13NO}                                     |                 |               |                    |                 |
| <b>chemical group:</b>   |   | <b>CAS-No.:</b> | 75-59-2       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 2,5                      | %   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 2,5                      | %   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 2,5                      | %   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 25                       | %   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 25                       | %   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 25                       | %   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %   | 100             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Tetrachlorocarbon</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CCl4}                   |                 |               |                    |                 |
| <b>chemical group:</b>   | CFHC                     | <b>CAS-No.:</b> | 56-23-5       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | 50              | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Tetrachlorocarbon</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CCl4}                   |                 |               |                    |                 |
| <b>chemical group:</b>   | CFHC                     | <b>CAS-No.:</b> | 56-23-5       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | 150             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Tetrachloroethane</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CHCl2CHCl2}             |                 |               |                    |                 |
| <b>chemical group:</b>   | CFHC                     | <b>CAS-No.:</b> | 25322-20-7    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | 150             | °C            | resistant          |                 |

|                          |                            |                 |               |                    |                 |
|--------------------------|----------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Tetrachloroethylene</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {Cl2C:CCl2}                |                 |               |                    |                 |
| <b>chemical group:</b>   | CFHC                       | <b>CAS-No.:</b> | 127-18-4      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                          | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                          | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                          | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                          | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                          | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>              | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                          | 150             | °C            | resistant          |                 |

|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Tetrahydrofuran</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C4H8O}                |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC                   | <b>CAS-No.:</b> | 109-99-9      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                      | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                      | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                      | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                      | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                      | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                      | 150             | °C            | resistant          |                 |

|                          |                             |                 |               |                    |                 |
|--------------------------|-----------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Tetrahydronaphtalene</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C10H12}                    |                 |               |                    |                 |
| <b>chemical group:</b>   | ARHC                        | <b>CAS-No.:</b> | 119-64-2      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                           | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                           | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                           | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                           | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                           | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                           | 150             | °C            | resistant          |                 |

|                          |                         |                 |               |                    |                 |
|--------------------------|-------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Thionyl chloride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {SOCl2}                 |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE                    | <b>CAS-No.:</b> | 7719-09-7     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                       | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                       | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                       | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                       | 100             | °C            | resistant          |                 |

|                          |                         |                 |               |                    |                 |
|--------------------------|-------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Thionyl chloride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {SOCl <sub>2</sub> }    |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE                    | <b>CAS-No.:</b> | 7719-09-7     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>           | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                       | 125             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Toluene</b>                                   |                 |               |                    |                 |
| <b>chemical formula:</b> | {C <sub>6</sub> H <sub>5</sub> CH <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ARHC   | <b>CAS-No.:</b> | 108-88-3      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                    | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Tributyl phosphate</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {(C <sub>4</sub> H <sub>9</sub> ) <sub>3</sub> PO <sub>4</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC   | <b>CAS-No.:</b> | 126-73-8      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 150             | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Trichloroacetic acid</b>   |                 |               |                    |                 |
| <b>chemical formula:</b> | {CCl <sub>3</sub> COOH - C <sub>2</sub> HCl <sub>3</sub> O <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC  | <b>CAS-No.:</b> | 76-03-9       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %   | RT              | °C            | resistant          |                 |

|                          |                             |                 |               |                    |                 |
|--------------------------|-----------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Trichloroacetic acid</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CCl3COOH - C2HCl3O2}       |                 |               |                    |                 |
| <b>chemical group:</b>   | ORAC                        | <b>CAS-No.:</b> | 76-03-9       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                           | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                           | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                           | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                           | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| 50                       | %                           | 150             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                           | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                           | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                           | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                           | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                           | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                           | 150             | °C            | resistant          |                 |
| <b>chemical:</b>         | <b>Trichlorobenzene</b>     |                 |               |                    |                 |
| <b>chemical formula:</b> | {C6H3Cl3}                   |                 |               |                    |                 |
| <b>chemical group:</b>   | ARHC                        | <b>CAS-No.:</b> | 12002-48-1    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                           | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                           | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                           | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                           | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                           | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                           | 150             | °C            | resistant          |                 |



|                          |                                     |                 |               |                    |                 |
|--------------------------|-------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Trichloroethane (1,1,1-)</b>     |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> CCl <sub>3</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | CFHC                                | <b>CAS-No.:</b> | 71-55-6       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                   | 150             | °C            | resistant          |                 |

|                          |                          |                 |               |                    |                 |
|--------------------------|--------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Trichloroethylene</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {CHCl:CCl <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | CFHC                     | <b>CAS-No.:</b> | 79-01-6       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                        | 150             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                        | RT              | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Trichlorophenol</b>   |                 |               |                    |                 |
| <b>chemical formula:</b> | {Cl <sub>3</sub> C <sub>6</sub> H <sub>2</sub> OH - C <sub>6</sub> H <sub>3</sub> Cl <sub>3</sub> O} |                 |               |                    |                 |
| <b>chemical group:</b>   | PHEN   | <b>CAS-No.:</b> | 25167-82-2    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>  | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %  | 100             | °C            | resistant          |                 |

|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Trichlorophenol</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {Cl3C6H2OH - C6H3Cl3O} |                 |               |                    |                 |
| <b>chemical group:</b>   | PHEN                   | <b>CAS-No.:</b> | 25167-82-2    | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                      | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %                      | 150             | °C            | resistant          |                 |

|                          |                             |                 |               |                    |                 |
|--------------------------|-----------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Tricresylphosphate</b>   |                 |               |                    |                 |
| <b>chemical formula:</b> | {OP(OC6H4CH3)3 - C21H21O4P} |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC                        | <b>CAS-No.:</b> | 1330-78-5     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                           | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                           | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                           | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                           | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                           | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>               | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                           | 150             | °C            | resistant          |                 |

|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Triethanolamine</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {(HOCH2CH2)3N}         |                 |               |                    |                 |
| <b>chemical group:</b>   | AMIN                   | <b>CAS-No.:</b> | 102-71-6      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                      | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                      | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                      | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                      | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                      | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                      | 150             | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Triethyl phosphate</b>   |                 |               |                    |                 |
| <b>chemical formula:</b> | {(C <sub>2</sub> H <sub>5</sub> O) <sub>3</sub> P(O) - C <sub>6</sub> H <sub>15</sub> O <sub>4</sub> P} |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC  | <b>CAS-No.:</b> | 78-40-0       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 150             | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Triethylamine</b>                              |                 |               |                    |                 |
| <b>chemical formula:</b> | {(C <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> N} |                 |               |                    |                 |
| <b>chemical group:</b>   | AMIN  | <b>CAS-No.:</b> | 121-44-8      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                                     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 150             | °C            | resistant          |                 |

|                          |                                     |                 |               |                    |                 |
|--------------------------|-------------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Trimethylamine</b>               |                 |               |                    |                 |
| <b>chemical formula:</b> | {(CH <sub>3</sub> ) <sub>3</sub> N} |                 |               |                    |                 |
| <b>chemical group:</b>   | AMIN                                | <b>CAS-No.:</b> | 75-50-3       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                       | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                                   | 100             | °C            | resistant          |                 |

|                          |                       |                 |               |                    |                 |
|--------------------------|-----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Trimethylamine</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {(CH3)3N}             |                 |               |                    |                 |
| <b>chemical group:</b>   | AMIN                  | <b>CAS-No.:</b> | 75-50-3       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | 150             | °C            | resistant          |                 |

|                          |                       |                 |               |                    |                 |
|--------------------------|-----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Turpentine oil</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                    |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC                  | <b>CAS-No.:</b> | 8006-64-2     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %                     | 150             | °C            | resistant          |                 |

|                          |               |                 |               |                    |                 |
|--------------------------|---------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Urea</b>   |                 |               |                    |                 |
| <b>chemical formula:</b> | {(NH2)2CO}    |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE          | <b>CAS-No.:</b> | 57-13-6       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | 150             | °C            | resistant          |                 |

|                          |               |                 |               |                    |                 |
|--------------------------|---------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Urine</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | --            |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE          | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | 150             | °C            | resistant          |                 |

|                          |                   |                 |               |                    |                 |
|--------------------------|-------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Vaseline</b>   |                 |               |                    |                 |
| <b>chemical formula:</b> | {C22H46 / C23H48} |                 |               |                    |                 |
| <b>chemical group:</b>   | OTHC              | <b>CAS-No.:</b> | 8009-03-8     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                 | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                 | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                 | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                 | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                 | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>     | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                 | 150             | °C            | resistant          |                 |

|                          |                               |                 |               |                    |                 |
|--------------------------|-------------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Vinegar (Wine vinegar)</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                            |                 |               |                    |                 |
| <b>chemical group:</b>   |                               | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                             | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                             | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                             | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                 | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                             | 100             | °C            | resistant          |                 |

|                          |                        |                 |               |                    |                 |
|--------------------------|------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | Vinegar (Wine vinegar) |                 |               |                    |                 |
| <b>chemical formula:</b> | --                     |                 |               |                    |                 |
| <b>chemical group:</b>   |                        | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                      | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>          | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                      | 150             | °C            | resistant          |                 |

|                          |  |                 |               |                    |                 |
|--------------------------|--|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | Vinyl acetate                            |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>3</sub> COOCH:CH <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | ESTR                                     | <b>CAS-No.:</b> | 108-05-4      | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>                            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>                            | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %  | 150             | °C            | resistant          |                 |

|                          |   |                 |               |                    |                 |
|--------------------------|---|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | Vinyl chloride  |                 |               |                    |                 |
| <b>chemical formula:</b> | {CH <sub>2</sub> CHCl - C <sub>2</sub> H <sub>3</sub> Cl} |                 |               |                    |                 |
| <b>chemical group:</b>   | CFHC  | <b>CAS-No.:</b> | 75-01-4       | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>   | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %   | 150             | °C            | resistant          |                 |

|                          |               |                 |               |                    |                 |
|--------------------------|---------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Water</b>  |                 |               |                    |                 |
| <b>chemical formula:</b> | {H2O}         |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE          | <b>CAS-No.:</b> | 7732-18-5     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| UV                       | %             | 100             | °C            | resistant          |                 |

|                          |                           |                 |               |                    |                 |
|--------------------------|---------------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Wine &amp; Spirits</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | --                        |                 |               |                    |                 |
| <b>chemical group:</b>   | ELSE                      | <b>CAS-No.:</b> | --            | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                         | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                         | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                         | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                         | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>             | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| H                        | %                         | 125             | °C            | resistant          |                 |

|                          |               |                 |               |                    |                 |
|--------------------------|---------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Xylene</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {C6H4(CH3)2}  |                 |               |                    |                 |
| <b>chemical group:</b>   | ARHC          | <b>CAS-No.:</b> | 1330-20-7     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %             | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %             | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %             | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %             | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %             | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b> | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| TR                       | %             | 150             | °C            | resistant          |                 |

|                          |                      |                 |               |                    |                 |
|--------------------------|----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Zinc chloride</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {ZnCl <sub>2</sub> } |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                 | <b>CAS-No.:</b> | 7646-85-7     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                    | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                    | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                    | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                    | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                    | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>        | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                    | 150             | °C            | resistant          |                 |

|                          |                       |                 |               |                    |                 |
|--------------------------|-----------------------|-----------------|---------------|--------------------|-----------------|
| <b>chemical:</b>         | <b>Zinc(II)-salts</b> |                 |               |                    |                 |
| <b>chemical formula:</b> | {SnCl <sub>2</sub> }  |                 |               |                    |                 |
| <b>chemical group:</b>   | SALT                  | <b>CAS-No.:</b> | 7772-99-8     | <b>Syn-No.:</b>    |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | RT              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 50              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 75              | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 100             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 125             | °C            | resistant          |                 |
| <b>Conc.:</b>            | <b>Value:</b>         | <b>Temp.:</b>   | <b>Value:</b> | <b>Resistance:</b> | <b>Remarks:</b> |
| GL                       | %                     | 150             | °C            | resistant          |                 |



A: Resistant  
B: Partially resistant  
C: Non-resistant  
O: Dissolves  
UD: Undiluted

CA: As commercially available  
SS: Saturated aqueous solutions (at 23°C)  
RT: Room temperature (15-25°C)

This information will without doubt be a helpful tool when selecting the most suitable plastics material for your application.

Temperature, time of exposure, concentration of the reagents and stress level in the plastic parts all considerably effect the chemical resistance and consequently your material choice.

For example PC, PEI, PSU and PPSU, because of their amorphous chemical structure, are sensitive to "stress cracking" when in contact with polar organic solvents. Environments, which are completely harmless to unstressed parts, may cause stress cracking when in contact with stressed parts (e.g isopropyl alcohol in contact with PSU). Not only the externally applied load is of importance but also the internal stress level plays a big role. Although Schmidt + Bartl GmbH Products stock shapes are annealed using a proprietary stress-relieving cycle to minimize any internal stresses resulting from the manufacturing process, some stresses may remain and new ones may be induced during machining. Therefore, in certain cases thermal treatment (stress relieving) of the plastic parts during or after machining may be necessary in order to keep the internal stress level and thus the risk on cracking as low as possible

It is important to note that this data is only of an indicative nature, derived from all sorts of literature related to the chemical resistance of plastics.

Therefore, in practice it is strongly recommended carrying out tests on a prototype, to determine the final suitability of a plastics material for the application.

Following the assertions outlined in the introduction the attached list should be regarded as a valuable tool for finding the most suitable material for a given application.

Note: The list has been compiled based on ideal and mostly simplified conditions of laboratory testing; real life and field applications are subjected to working conditions that might be defined by more complex factors. Consequently any statement quoted in our chemical resistance list should be regarded as a guiding value. In particular, we would like to emphasize that such a list -by nature - cannot supply the following information:

- All relevant details of the respective experiment that has been the source for a given set of data
- Possible influence of dynamic effects
- Long-term effects
- Possible influence due to the method of processing, the thermal history as well as the exact formulation of the respective samples
- Behaviour of mixtures of different media or effects based on discontinuous service
- (Detailed) characterisation of the corrosion phenomenon / deterioration observed
- Consideration of all chemicals

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