

Product properties – Technical sheet

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| MICROL MIX LIQUID MILD | Item no.: 41 28 15 |
| Areas of application | <p>MICROL MIX LIQUID MILD is an alkaline product with biodegradable complexing agents and special ingredients for the removal of organic residues in membranes of micro filter- and ultrafiltration systems.</p> <p>MICROL MIX LIQUID MILD is especially usable for the cleaning of sensitive membranes, because the product works like a buffer solution in order to keep the pH-value in a mild alkaline range. Nevertheless, please observe always the cleaning instructions of the membrane manufactures.</p> <p>Continuous cleaning with MICROL MIX LIQUID MILD gives stability in efficiency of membrane and good results in filtration.</p> <p>MICROL MIX LIQUID MILD is free of ‘hard’ complexing agents like EDTA and NTA.</p> |
| Method of application | <p>CIP or pump circulation method:</p> <p>Concentration: 1.0 – 5.0 % Temperature: 20 – 50°C Time: 30 – 60 minutes</p> <p>After having used the product rinse thoroughly with drinking water to remove any possible residues!</p> |
| Material compatibility | <p>PVDF, PP, PE, PVC, Stainless Steel, Glass, Steel, Cast Iron</p> <p>MICROL MIX LIQUID MILD must not be used on aluminium and membranes made from cellulose and cellulose acetate.</p> <p>In addition, further material incompatibilities cannot be excluded. Therefore, test the product before use and ask the producer of the membrane if the product is compatible with the product.</p> |

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| Analysis of concentration | according to the titration instructions | | |
| Physical and chemical properties | | | |
| Aspect/colour | Clear | Colourless – Slightly Brownish | |
| Form | Liquid | | |
| Odour | Weak, Characteristic | | |
| Foaming behaviour <small>(see under conditions of application)</small> | Not Foaming | | |
| Phosphates | Contained | | |
| Density (20°C) g/cm³ | 1.250 – 1.270 | | |
| Concentration | 1 % in H₂O dest. | 3 % in H₂O dest. | 5 % in H₂O dest. |
| pH value (1 %, 20°C) | 9.2 – 11.2 | n/a | n/a |
| Conductance (1 %, 20°C) mS/cm | 2.7 – 3.3 | 7.0 – 8.0 | 10.8 – 12.8 |
| Phenolphthalein alkalinity (ml) | 3,4 ± 0,4 (1 % bei 50 ml sample) | | |
| m-Value (ml) | n/a | | |
| Storage stability | + 5°C to + 40°C | | |
| Remarks regarding biocides | n/a | | |
| Product contains | Potassium hydroxide | | |
| Risk symbols | THE PRODUCT IS NOT CLASSIFIED ACCORDING TO THE CLP REGULATION AND REQUIRES NO LABELING! | | |
| Special remarks | <p>Always close the container with the original closure, and store the items in a cool area without solar radiation. Product which was taken out of the container must never be poured back into the container.</p> <p>Read in any case our safety data sheet before using the product!</p> | | |
| Disposal | Disposal acc. to official regulations, in case of doubt contact the manufacturer. | | |

Please refer to our safety data sheets and our operating instructions with regard to precautionary measures, first aid measures and storage. The information given in the Sheet corresponds to the present state of our technical knowledge and experience. They do not constitute any guarantee; they are to be considered as basic information only. In particular they do not guarantee particular properties or the suitability for a concrete purpose. Because of the multitude of possible influences during the application of our products, the user has to make in any case the relevant tests and take the corresponding precautions. Any existing intellectual property rights are to be observed.