


**Product properties – Technical sheet**

<p><b>MICROL MIX LIQUID</b></p>	<p><b>Item no.:</b> <b>41 28 05</b></p>
<p><b>Areas of application</b></p>	<p><b>Microl Mix Liquid</b> is a strong alkaline product, free from silicates with special cleaning booster.</p> <p><b>Microl Mix Liquid</b> is a liquid cleaner for membrane in micro filter- and ultra-filter systems.</p> <p><b>Microl Mix Liquid</b> prevents the cleaning solution from precipitation of water hardness.</p> <p><b>Microl Mix Liquid</b> is able to remove organic residues in a very short time.</p>
<p><b>Method of application</b></p>	<p><b>Re-circulating cleaning system:</b></p> <p>Concentration: 1.0 - 3.0 % Temperature: cold - 80° C Time: 30 - 60 minutes</p> <p>After having used the product rinse thoroughly with drinking water to remove any possible residues!</p>
<p><b>Material compatibility</b></p>	<p>PVDF, PP, PE, PVC, Stainless Steel, Steel, Glass, Cast Iron, as well as suitable for alkali-resistant membranes such as polysulfone, polypropylene and ceramics.</p> <p><b>Before using the system, it is essential to follow the system manufacturer's instructions and to pay particular attention to the limitations with regard to pH value and temperature.</b></p> <p><b>Microl Mix LIQUID</b> must not be used on non-ferrous metal in particular 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>

## Product properties – Technical sheet

<b>Analysis of concentration</b>	according to the titration instructions		
<b>Physical and chemical properties</b>			
<b>Aspect/colour</b>	Clear	Brownish – Tawny	
<b>Form</b>	Liquid		
<b>Odour</b>	Weak, Characteristic		
<b>Foaming behaviour</b> <small>(see under conditions of application)</small>	Not foaming		
<b>Phosphates</b>	n/a		
<b>Bulk density (20°C) g/l</b>	1.250 – 1.270		
<b>Concentration</b>	<b>1 % in H<sub>2</sub>O dest.</b>	<b>3 % in H<sub>2</sub>O dest.</b>	<b>5 % in H<sub>2</sub>O dest.</b>
<b>pH value (1 %, 20°C)</b>	12.2 – 12.8	n/a	n/a
<b>Conductance (1 %, 20°C) mS/cm</b>	10.8 – 11.8	29.0 – 33.0	48.0 – 54.0
<b>Phenolphthalein alkalinity (ml)</b>	5.0 ± 0.5 (1 % at 10 ml sample)		
<b>m-Value (ml)</b>	n/a		
<b>Storage stability</b>	+ 5°C to + 40°C		
<b>Remarks regarding biocides</b>	n/a		
<b>Hazardous products</b>	Sodium Hydroxide		
<b>Risk symbols</b>			
	<b>DANGER</b>		
<b>Special remarks</b>	<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><b>Read in any case our safety data sheet before using the product!</b></p>		
<b>Disposal</b>	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.