


Product properties – Technical sheet

<p>MICROL MIX LIQUID MAT PLUS</p>	<p>Item no.: 41 28 11</p>
<p>Areas of application</p>	<p>Microl Mix Liquid MAT Plus is a mild alkaline product, free from silicates with special cleaning booster.</p> <p>Microl Mix Liquid MAT Plus is produced free of NTA, EDTA and chlorine.</p> <p>Microl Mix Liquid MAT Plus is a liquid cleaner for membrane in micro filter- and ultra filter systems.</p> <p>Microl Mix Liquid MAT Plus prevents the cleaning solution from precipitation of water hardness.</p> <p>Microl Mix Liquid MAT Plus is able to remove organic residues in a very short time.</p>
<p>Method of application</p>	<p>Re-circulating cleaning system:</p> <p>Concentration: 1.5 – 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>Material compatibility</p>	<p>PVDF, PP, PE, Stainless Steel, Glass, Cast Iron, Tiles and membranes suitable for alkaline cleaning solutions.</p> <p>Microl Mix Liquid MAT Plus 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	Tawny – Brownish	
Form	Liquid		
Odour	Characteristic		
Foaming behaviour <small>(see under conditions of application)</small>	Not Foaming		
Phosphates	Contained		
Density (20°C) g/cm³	1.190 – 1.210		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	11.8 – 12.4	n/a	n/a
Conductance (1 %, 20°C) mS/cm	3.0 – 4.0	8.5 – 10.5	14.0 – 17.0
Phenolphthalein alkalinity (ml)	3.15 ± 0.45 (1 % bei 30 ml sample)		
m-Value (ml)	n/a		
Storage stability	+ 5°C to + 40°C		
Remarks regarding biocides	n/a		
Hazardous products	Potassium Hydroxide		
Risk symbols			
	DANGER		
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.