


Product properties – Technical sheet

<p>MICROL MIX N</p>	<p>Item no.: 41 28 01</p>
<p>Areas of application</p>	<p>Microl Mix N is a strong alkaline powder, free from silicates with special cleaning booster.</p> <p>Microl Mix N is especially developed for the cleaning of membranes in micro filter- and ultra-filter systems.</p> <p>Microl Mix N prevents the cleaning solution from precipitation of water hardness.</p> <p>Microl Mix N 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: 0.5 – 2.5 % 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, PVC, Stainless Steel, Glass, Cast Iron, Tiles and membranes suitable for alkaline cleaning solutions.</p> <p>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.</p> <p>Microl Mix N must not be used on aluminium and membranes made from cellulose and cellulose acetate. 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

Analysis of concentration	according to the titration instructions		
Physical and chemical properties			
Aspect/colour	Granular	White	
Form	Powder		
Odour	Odourless		
Foaming behaviour <small>(see under conditions of application)</small>	Not foaming		
Phosphates	Contained		
Bulk density (20°C) g/l	1,000.0 – 1,200.0		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	12.6 – 13.2	n/a	n/a
Conductance (1 %, 20°C) mS/cm	38.0 – 48.0	95.0 – 125.0	160.0 – 210.0
Phenolphthalein alkalinity (ml)	10.25 ± 1.5 (1 % at 5 ml sample)		
m-Value (ml)	n/a		
Storage stability	- 20°C to + 40°C		
Remarks regarding biocides	n/a		
Hazardous products	Sodium 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.