


Product properties – Technical sheet

<p>A PROTECTION</p>	<p>Item no.: 80 60 00</p>
<p>Areas of application</p>	<p>Not foaming, concentrated agent used to inhibit the formation of scale in sinks and on the spray nozzles of cooling systems.</p> <p>Highly active agents and passivation inhibitors protect against corrosion and formation of scale.</p> <p>The absorption of calcium- and magnesium ions guarantees 100 % efficiency of the plant.</p> <p>The product is used in cooling systems, air cleaning systems, testing waters, sea water desalination plants and pipe systems.</p>
<p>Method of application</p>	<p>Dosing over automatic metering (time relay or volumetric control):</p> <p>Concentration: 0.05 – 0.2 % Temperature: 5 – 80°C Time: the product remains in the process</p>
<p>Material compatibility</p>	<p>PVDF, PP, PE, PVC, Glass, Stainless Steel, Aluminium, non-ferrous metal.</p> <p>In addition, further material incompatibilities cannot be excluded. Therefore, test the product on an unimportant spot before its definite use.</p>

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Analysis of concentration	according to the titration instructions		
Physical and chemical properties			
Aspect/colour	Clear	Slightly Brownish - Brownish	
Form	Liquid		
Odour	Characteristic		
Foaming behaviour <small>(see under conditions of application)</small>	Not foaming		
Phosphates	n/a		
Density (20°C) g/cm³	1.125 – 1.145		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	11.4 – 12.0	n/a	n/a
Conductance (1 %, 20°C) mS/cm	1.8 – 2.8	6.0 – 7.0	9.5 – 11.5
Phenolphthalein alkalinity (ml)	3.0 ± 0.5 (1 % at 50 ml sample)		
m-Value (ml)	n/a		
Storage stability	+ 5°C to + 40°C		
Remarks regarding biocides	n/a		
Hazardous products	Sodium Hydroxide / Methyl-1H-benzotriazole		
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.