


Product properties – Technical sheet

CLEANER FOR EVAPORATION PLANTS ACID SWZ	Item no.: 00 17 37
Areas of application	<p>CLEANING CONCENTRATE FOR ALL ACIDIC SYSTEM CLEANING</p> <p>Cleaner For Evaporation Plants is particularly suitable for cleaning evaporator systems made of stainless steel due to its stone-dissolving and non-foaming ingredients.</p> <p>Cleaner For Evaporation Plants removes all firmly adhering inorganic residues that have formed during the process. Stubborn stone deposits, lime and salt residues are dissolved without leaving any residue and the efficiency of the system returns to its original level.</p> <p>Cleaner For Evaporation Plants is ideal for all CIP and pump-around cleaning and for a wide range of water hardness levels.</p> <p>Cleaner For Evaporation Plants is phosphate-free and does not form phosphates, which means that environmentally friendly waste water is produced.</p>
Method of application	<p>In CIP process or pumping over.</p> <p>Proofing the application concentration the product can be stacked over several days.</p> <p>Concentration: 5.0 - 10.0% Temperature: 60 - 90 °C Time of application: 30 - 60 minutes</p> <p>After use, rinse thoroughly with drinking water to remove residues!</p>
Material compatibility	<p>PVDF, PP, PE, PVC, Glass</p> <p>Cleaner For Evaporation Plants must not be used on steel and cast iron. 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	Colourless – Yellowish	
Form	Liquid		
Odour	Odourless		
Foaming behaviour (see under conditions of application)	Not Foaming		
Phosphates	n/a		
Density (20°C) g/cm³	1.585 – 1.615		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	1.0 – 1.6	n/a	n/a
Conductance (1 %, 20°C) mS/cm	32.0 – 37.0	90.0 – 100.0	145.0 – 165.0
Phenolphthalein alkalinity (ml)	7.1 ± 0.5 (1 % at 5 ml sample)		
m-Value (ml)	n/a		
Storage stability	- 5°C to + 40°C		
Remarks regarding biocides	n/a		
Hazardous products	Sulfuric acid solution		
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.