


Product properties – Technical sheet

<p>FOAM CLEANER ACID MSA</p>	<p>Item no.: 00 15 64</p>
<p>Areas of application</p>	<p>Cleaner ACID MSA is a high concentrated cleaner for the careful removal of lime deposits, water stains, small rust spots and other general residues on all acid resistant surfaces.</p> <p>Foam Cleaner ACID MSA combines hygienic cleaning with a brilliant shine on the surfaces cleaned.</p> <p>Foam Cleaner ACID MSA is particularly suitable for the cleaning of big surfaces with foam generators.</p> <p>Foam Cleaner ACID MSA is based on special detergents to make surfaces made from stainless steel lighter.</p> <p>Foam Cleaner ACID MSA combines following advantages:</p> <ul style="list-style-type: none"> ▪ Particular mild to all relevant surfaces ▪ High cleaning power ▪ Odourless ▪ Colourless ▪ Free of relevant waste water pollutant (sulphates, phosphates and nitrates) ▪ In particular biodegradable
<p>Method of application</p>	<p>Cleaning with a foam spray system!</p> <p>Depending on the desired foam consistency use following concentration:</p> <p>Concentration: 4.0 – 5.0 % (in case of extreme residues chose the double concentration) Temperature: cold – 40°C Time: 5 – 10 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, Aluminium, Glass</p> <p>Foam Cleaner ACID MSA must not be used on steel and cast iron.</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	see titration method		
Physical and chemical properties			
Aspect/colour	Clear	Colourless	
Form	Liquid		
Odour	Characteristic		
Foaming behaviour (see under conditions of application)	Strong foaming		
Phosphates	n/a		
Density (20°C) g/cm³	1.055 – 1.075		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	1.7 – 2.3	n/a	n/a
Conductance (1 %, 20°C) mS/cm	5.0 – 7.0	15.8 – 18.8	26.8 – 30.8
Phenolphthalein alkalinity (ml)	4.85 ± 0.5 (1 % at 30 ml sample)		
m-Value (ml)	n/a		
Storage stability	- 5°C to + 40°C		
Remarks regarding biocides	n/a		
Hazardous products	Methanesulphonic acid / 2-(2-butoxyethoxy)ethanol		
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.