


Product properties – Technical sheet

<p>FOAM CLEANER CHLORINE FREE ALU</p>	<p>Item no.: 00 08 09</p>
<p>Areas of application</p>	<p>Foam Cleaner Chlorine Free ALU is a special mild cleaner for aluminium to be used in food industry for the cleaning of big surfaces with „adhesive“ foam.</p> <p>Foam Cleaner Chlorine Free ALU is especially developed for the application on surfaces made from aluminium.</p> <p>Foam Cleaner Chlorine Free ALU is generally used to clean wall tiles, stainless steel surfaces, ceilings and concrete surfaces in one operation. Organic residues such as mildew, oxidised proteins and yeast plants as well as grease or blood are removed easily.</p> <p>Foam Cleaner Chlorine Free ALU contains a special combination of detergents which ensure a brilliant shine after having rinsed the surface with water.</p>
<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: 2.0 – 10.0 % Temperature: 5 – 80°C Time: 10 – 20 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, Tiles, Aluminium</p> <p>Foam Cleaner Chlorine Free ALU must not be used on zinc. 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 – Light Brown	
Form	Liquid		
Odour	Odourless		
Foaming behaviour <small>(see under conditions of application)</small>	Strong Foaming		
Phosphates	n/a		
Density (20°C) g/cm³	1.090 – 1.110		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	11.6 – 12.2	n/a	n/a
Conductance (1 %, 20°C) mS/cm	2.5 – 3.0	7.4 – 8.4	12.0 – 14.0
Phenolphthalein alkalinity (ml)	4.2 ± 0.5 (1 % at 30 ml sample)		
m-Value (ml)	n/a		
Storage stability	+ 5°C to + 30°C		
Remarks regarding biocides	n/a		
Hazardous products	Potassium Hydroxide / Amines, C12-14 (even numbered) alkyl-dimethyl, N-oxides		
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.