


Product properties – Technical sheet

<p>ALUCLEANER AF</p>	<p>Item no.: 00 04 36</p>
<p>Areas of application</p>	<p>Alucleaner AF is a high active concentrate to remove all residues from surfaces made from aluminium.</p> <p>Alucleaner AF is especially developed to remove organic residues, salt and slight scale residues.</p> <p>Alucleaner AF works very smooth on surfaces made from aluminium.</p> <p>Because of special brightening agents the aluminium surfaces are getting bright and shiny.</p>
<p>Method of application</p>	<p>Manual cleaning or with a spray system:</p> <p>Concentration: 5.0 – 10.0 % Temperature: 5 - 70°C Time: 5 – 15 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>Alucleaner AF must not be used on steel, zinc, cast iron and marble.</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	Colourless	
Form	Liquid		
Odour	Characteristic		
Foaming behaviour <small>(see under conditions of application)</small>	Strong Foaming		
Phosphates	Contained		
Density (20°C) g/cm³	1.045 – 1.065		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	1.9 – 2.5	n/a	n/a
Conductance (1 %, 20°C) mS/cm	2.45 – 2.85	5.75 – 6.45	9.0 – 10.0
Phenolphthalein alkalinity (ml)	5.25 ± 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	Phosphoric acid, mixed esters with Bu alc. and ethylene glycol/ Alcohols, C12-14, ethoxylated, sulfates, sodium salts		
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.