



**Product properties – Technical sheet**

<b>CLEANER FOR SMOKE SKEWER ALU SCI</b>	<b>Item no.:</b>  <b>00 13 61</b>
<b>Areas of application</b>	<p><b>ALU SCI</b> is a high concentrated product for hygienic, thorough and careful cleaning of smoke skewers made from aluminium.</p> <p><b>ALU SCI</b> is a mild alkaline highly effective agent working without problems in hard and soft water and without any formation of lather. Because of special disinfectants the product acts again all kinds of bacteria. One of the remarkable features of the agent is its excellent wetting power so that it can penetrate into the small gapes and pores, allowing uniform wetting of all smoke skewers.</p> <p><b>ALU SCI</b> is especially suitable to remove accumulations of smoke-tar, albumen and fat from smoke skewers.</p>
<b>Method of application</b>	<p><b>1. Cleaning in the machine (spraying system):</b>        Concentration: 15.0 – 30.0 g/L (1.5 – 3.0 %)        Temperature: 20 – 70°C        Time: 3 – 15 minutes</p> <p><b>1. Manual Cleaning (dipping system)</b>        Concentration: 15.0 – 30.0 g/L (1.5 – 3.0 %)        Temperature: 20 – 40°C        Time: max. 1 hour</p> <p>After having used the product rinse thoroughly with drinking water to remove any possible residues!</p> <p>In case of insufficient rinsing in the 'dead areas' of the plant equipment and pipes or in gaps e.g. under seals it could come to the enrichment of chloride ions which can lead at pH values &lt; 7 to pit, hole and intergranular corrosion at stainless steel!</p>
<b>Material compatibility</b>	<p>PVDF, PP, PE, Aluminium, Stainless Steel, Glass, Ceramic.</p> <p><b>ALU SCI</b> 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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<b>Analysis of concentration</b>	according to the titration instructions		
<b>Physical and chemical properties</b>			
<b>Aspect/colour</b>	Clear	Yellowish	
<b>Form</b>	Liquid		
<b>Odour</b>	Chlorine-like		
<b>Foaming behaviour</b> <small>(see under conditions of application)</small>	Not Foaming		
<b>Phosphates</b>	n/a		
<b>Density (20°C) g/cm<sup>3</sup></b>	1.235 – 1.265		
<b>Concentration</b>	<b>1 % in H<sub>2</sub>O dest.</b>	<b>3 % in H<sub>2</sub>O dest.</b>	<b>5 % in H<sub>2</sub>O dest.</b>
<b>pH value (1 %, 20°C)</b>	11.7 – 12.3	n/a	n/a
<b>Conductance (1 %, 20°C) mS/cm</b>	4.7 – 5.2	12.0 – 14.0	20.0 – 23.0
<b>Phenolphthalein alkalinity (ml)</b>	6.6 ± 0.5 (1 % at 30 ml sample)		
<b>m-Value (ml)</b>	n/a		
<b>Storage stability</b>	+ 5°C to + 40°C		
<b>Remarks regarding biocides</b>	n/a		
<b>Hazardous products</b>	Potassium Hydroxide / Sodium hypochlorite solution		
<b>Risk symbols</b>			
	<b>DANGER</b>		
<b>Special remarks</b>	<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><b>Read in any case our safety data sheet before using the product!</b></p>		
<b>Disposal</b>	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.