



**Product properties – Technical sheet**

<b>BOOTS AND SOLES CLEANER FOR HYGIENE SLUICES</b>	<b>Item no.:</b>  <b>41 35 04</b>
<b>Areas of application</b>	<p><b>Boots and Soles Cleaner for Hygiene Sluices</b> is a cleaning concentrate used in hygiene sluices.</p> <p><b>Boots and Soles Cleaner for Hygiene Sluices</b> is based on high active chlorine, and is special developed not to clog up the nozzles.</p> <p><b>Boots and Soles Cleaner for Hygiene Sluices</b> is suitable for the treatment of rubber boots and rubber soles.</p>
<b>Method of application</b>	<p><b>Suitable for automatic metering (time relay, volumetric control or control by conductance):</b></p> <p>Concentration: 2.0 – 3.0 %        Temperature: cold        Time: 1 – 3 minutes</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, Stainless Steel, Glass</p> <p><b>Boots and Soles Cleaner for Hygiene Sluices</b> must not be used on aluminium, steel, cast iron, zinc and non ferrous metals.</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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<b>Analysis of concentration</b>	according to the titration instructions		
<b>Physical and chemical properties</b>			
<b>Aspect/colour</b>	Clear	Slightly Yellowish – 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>	not applicable		
<b>Density (20°C) g/cm<sup>3</sup></b>	1.200 – 1.230		
<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>	12.2 – 12.8	not applicable	not applicable
<b>Conductance (1 %, 20°C) mS/cm</b>	7.7 – 8.7	22.0 – 25.0	35.0 – 40.0
<b>Phenolphthalein alkalinity (ml)</b>	3.1 ± 0.5 (1 % at 10 ml sample)		
<b>m-Value (ml)</b>	not applicable		
<b>Storage stability</b>	+ 5°C to + 30°C		
<b>Remarks regarding biocides</b>	not applicable		
<b>Hazardous products</b>	Sodium 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.