



<b>TANK CLEANER AK</b>	<b>Item no.:</b>  <b>00 03 78</b>
<b>Areas of application</b>	<p><b>Tank Cleaner AK</b> is a concentrated alkaline powder for the internal cleaning of systems.</p> <p><b>Tank Cleaner AK</b> is because of the special combination of anti-scaling agents and not foaming ingredients particularly suitable for the cleaning of filling and heating systems as well as stainless steel pipe systems and tanks in food industry.</p> <p><b>Tank Cleaner AK</b> is used in dairies and fruit industry for the cleaning of UHT systems, separators, pipes and tanks made from stainless steel.</p> <p><b>Tank Cleaner AK</b> easily removes yeast plants, mildew, protein residues as well as slight tartar deposits.</p>
<b>Method of application</b>	<p><b>Re-circulating or CIP system:</b></p> <p>A 0.5 to 3.0 % solution of <b>Tank Cleaner AK</b> is applied with 400 to 500 litres of water for every 5,000 litres of tank-volume. This is then pumped around by means of a spray-head at low or high pressure. The tank should then be thoroughly sprayed out with a powerful jet of water.</p> <p>Depending on the degree of contamination, the cleansing solution can be used for more than one tank by adding more powder. In the case of deposits of carbonate a special cleansing with <b>Passivation S</b> can be carried out if necessary.</p> <p>Concentration: 0.5 – 3.0 %        Temperature: 5 – 80° C        Time: 20 – 45 minutes</p> <p>After having used the product rinse thoroughly with drinking water to remove any possible residues!</p>
<b>Material compatibility</b>	<p>PVDF, PP, PE, PVC, Stainless Steel, Glass, Cast Iron, Tiles</p> <p><b>Tank Cleaner AK</b> must not be used on aluminium. In addition, further material incompatibilities cannot be excluded. Therefore, test the product on an unimportant spot before its definite use.</p>

<b>Analysis of concentration</b>	see titration method		
<b>Physical and chemical properties</b>			
<b>Aspect/colour</b>	Whitish		
<b>Form</b>	Powder		
<b>Odour</b>	Odourless		
<b>Foaming behaviour</b> (see under conditions of application)	Not foaming		
<b>Phosphates</b>	Yes		
<b>Bulk density (20°C) g/l</b>	1,050.0 – 1,250.0		
<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>	12.4 – 13.0	not applicable	not applicable
<b>Conductance (1%, 20°C) mS/cm</b>	44,0 – 50,0	115,0 – 135,0	185,0 – 215,0
<b>Phenolphthalein alkalinity (ml)</b>	12.0 ± 1.0 (1 % at 5 ml sample)		
<b>m-Value (ml)</b>	not applicable		
<b>Storage stability</b>	- 20° C – + 40° C		
<b>Remarks regarding biocides</b>	<b>Not applicable</b>		
<b>Hazardous products and risk symbols</b>	Sodium hydroxide Disodium metasilicate, pentahydrate		
		<b>DANGER</b>	<b>WARNING</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.