



Product properties – Technical sheet

<p>WMA ADDITIVE FOR ALKALINE SOLUTIONS</p>	<p>Item no.: 00 03 70</p>
<p>Areas of application</p>	<p>HIGHLY ACTIVE CONCENTRATE TO BE USED AS ADDITIVE FOR ALL ALKALINE CLEANING BATHES</p> <p>WMA is a special agent used to activate and to increase the cleaning capacity of alkaline cleaning solutions.</p> <p>WMA extends the life cycle of alkaline bathes and prevents the precipitation of calcium and magnesium ions in case of extremely high water hardness.</p>
<p>Method of application</p>	<p>Add the product with an automatic dosing system (time relay, volumetric control) into the alkaline cleaning solution:</p> <p>Concentration: 1.0 – 5.0 g/l (0.1 – 0.5 %) depending on the hardness of water Temperature: 5 – 90°C Time: 15 – 30 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, Glass, Steel, Cast Iron</p> <p>WMA must not be used on aluminium.</p> <p>In addition, further material incompatibilities cannot be excluded. Therefore, test the product on an unimportant spot before its definite use.</p>

Product properties – Technical sheet

Analysis of concentration	n/a		
Physical and chemical properties			
Aspect/colour	Clear – Slightly Cloudy	Tawny – Brown	
Form	Liquid		
Odour	Weak, Characteristic		
Foaming behaviour (see under conditions of application)	Not Foaming		
Phosphates	n/a		
Density (20°C) g/cm³	1.210 – 1.230		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	7.5 – 10.5	n/a	n/a
Conductance (1 %, 20°C) mS/cm	15. – 1.8	4.0 – 4.5	6.3 – 7.0
Phenolphthalein alkalinity (ml)	n/a		
m-Value (ml)	n/a		
Storage stability	+ 5°C to + 40°C		
Remarks regarding biocides	n/a		
Hazardous products	Tetrasodium Ethylenediaminetetraacetate / Trisodium Nitritoltri-acetate		
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.