


HOT DEGREASER MA	Item no.: 00 09 29
Areas of application	<p>Hot Degreaser MA is a high concentrated alkaline powder to be used in ultrasonic, flooding and immersion cleaning equipment.</p> <p>Hot Degreaser MA is used to remove drawing oils and soaps, mould release agents, polishing and lapping pastes.</p> <p>Hot Degreaser MA helps oils and greases to float at the surface thus increasing the efficiency of the oil traps.</p> <p>Hot Degreaser MA is particularly suitable for the cleaning of parts before processes for which the surfaces must be as clean as possible, e.g. hardening, shielded welding, soldering, galvanisation or paint coating.</p>
Corrosion protection	<p>Hot Degreaser MA hasn't any components for corrosion protection to prevent sensitive material from corrosion.</p>
Method of application	<p>Suitable for automatic powder metering (time relay, volumetric control or control by conductance):</p> <p>Concentration: 0.5 – 3.0 % Temperature: 50 – 90°C Pressure: 0 bar Time: 1 – 3 minutes</p> <p>According to the desired quality standard the cleaned parts must be rinsed thoroughly with water or demineralised water to remove any possible residues!</p> <p>If parts are sensitive to corrosion an addition of a corrosion inhibitor into the last rinsing bath is necessary.</p>
Material compatibility	<p>PVDF, PP, PE, PVC, Stainless Steel, Glass, Cast Iron.</p> <p>Hot Degreaser MA 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>

Product properties – Technical sheet

Analysis of Concentration		according to the titration instructions	
Physical and chemical properties			
Aspect/colour	Granular	White – Slightly Yellowish	
Form	Powder		
Odour	Odourless		
Foaming behaviour (see under conditions of application)	Not foaming		
Phosphates	Contained		
Bulk density (20°C) g/l	950.0 – 1,150.0		
Concentration	1 % in H ₂ O dest.	3 % in H ₂ O dest.	5 % in H ₂ O dest.
pH value (1 %, 20°C)	12.3 – 13.3	n/a	n/a
Conductance (1 %, 20°C) mS/cm	30.0 – 45.0	80.0 – 110.0	120.0 – 170.0
Phenolphthalein alkalinity (ml)	9.25 ± 1.0 (1 % at 5 ml sample)		
m-Value (ml)	n/a		
Storage stability	- 10°C to + 40°C		
Remarks regarding biocides	n/a		
Hazardous products	sodium hydroxide / Disodium metasilicate, pentahydrate		
Risk symbols			
	DANGER		
Special remarks	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. Read in any case our safety data sheet before using the product!		
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.