


Product properties – Technical sheet

<p>WIGOPHARM MA EF 02</p>	<p>Item no.: 35 20 32</p>
<p>Areas of application</p>	<p>CLEANING CONCENTRATE FOR THE PHARMACEUTICAL -, COSMETIC AND FOODSTUFFS INDUSTRY.</p> <p>HIGHLY EFFECTIVE CLEANING CONCENTRATE FOR ALL ALKALINE SYSTEM CLEANING.</p> <p>WIGOPHARM MA EF 02 is due to its special ingredients particularly for the removal of product remainders in the production plants (machines for granules, Diacoater, vessels for dragees, coated tablets etc.), storage vessels and pipe systems suitable.</p> <p>WIGOPHARM MA EF 02 is used especially to remove residues from salves, emulsions, fatty products and gel.</p> <p>WIGOPHARM MA EF 02 contains special hardness stabilizers, which bind even with applications of hot water the water hardness. Special detergents guarantee an optimal rinsing without any residues.</p> <p>WIGOPHARM MA EF 02 contains special anti foam agents to show even with strong turbulences apart from a particularly good net effect also a foam-free cleaning. The wash active detergents are well water soluble, so that the problem of residues is reduced clearly when rinsing.</p>
<p>Method of application</p>	<p>Re-circulating cleaning system (CIP Cleaning):</p> <p>Concentration: 1,0 – 5,0 % Temperature: 40 – 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, Steel</p> <p>WIGOPHARM MA EF 02 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>

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Analysis of concentration	see titration method		
Physical and chemical properties			
Aspect/colour	Yellowish		
Form	Liquid		
Odour	Characteristic		
Foaming behaviour (see under conditions of application)	Not foaming		
Phosphates	not applicable		
Density (20°C) g/cm³	1.045 – 1.065		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	10.9 – 11.5	not applicable	not applicable
Conductance (1 %, 20°C) mS/cm	0.7 – 0.9	1.7 – 2.1	2.6 – 3.3
Phenolphthalein alkalinity (ml)	1.8 ± 0.4 (1 % at 50 ml sample)		
m-Value (ml)	not applicable		
Storage stability	+ 5°C to + 30°C		
Remarks regarding biocides	not applicable		
Hazardous products	Fatty amine ethoxylate / Fatty alcohol alkoxyate / Sodium Hydroxide		
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.