



## Product properties – Technical sheet

<b>WIGOPHARM MA EF 01</b>	<b>Item no.:</b>  <b>35 20 26</b>
<b>Areas of application</b>	<p><b>HIGHLY EFFECTIVE CLEANING CONCENTRATE FOR ALL ALKALINE SYSTEM CLEANING AT THE PHARMACEUTICAL -, COSMETIC AND FOOD-STUFFS INDUSTRY</b></p> <p><b>WIGOPHARM MA EF 01</b> 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><b>WIGOPHARM MA EF 01</b> is used especially to remove residues from salves, emulsions, fatty products and gel.</p> <p><b>WIGOPHARM MA EF 01</b> 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><b>WIGOPHARM MA EF 01</b> 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>
<b>Method of application</b>	<p><b>Re-circulating cleaning system (CIP Cleaning):</b></p> <p>Concentration: 1,0 – 3,0 %        Temperature: 60 – 90°C        Time: 15 – 30 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>WIGOPHARM MA EF 01</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>

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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	Tawny – Brownish	
<b>Form</b>	Liquid		
<b>Odour</b>	Characteristic		
<b>Foaming behaviour</b> <small>(see under conditions of application)</small>	Not Foaming		
<b>Phosphates</b>	n/a		
<b>Density (20°C) g/cm<sup>3</sup></b>	1.085 – 1.105		
<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>	11.7 – 12.3	n/a	n/a
<b>Conductance (1 %, 20°C) mS/cm</b>	2.6 – 3.2	7.7 – 8.7	12.5 – 14.5
<b>Phenolphthalein alkalinity (ml)</b>	5.5 ± 1.0 (1 % at 50 ml sample)		
<b>m-Value (ml)</b>	n/a		
<b>Storage stability</b>	+ 5°C to + 30°C		
<b>Remarks regarding biocides</b>	n/a		
<b>Hazardous products</b>	Fatty amine ethoxylate / Sodium Hydroxide		
<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.