


## Product properties – Technical sheet

<b>WIGOCOS MF</b>	<b>Item no.:</b>  <b>35 20 35</b>
<b>Areas of application</b>	<p><b>HIGHLY EFFECTIVE CLEANING CONCENTRATE FOR ALL ALKALINE SYSTEM CLEANING AT PHARMACEUTICAL -, COSMETIC AND FOODSTUFFS INDUSTRY. SUITABLE FOR USE IN PRODUCTION LINES FOR CERTIFIED NATURAL AND ORGANIC COSMETICS.</b></p> <p><b>WIGOCOS MF</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>WIGOCOS MF</b> is used especially to remove residues from salves, emulsions, fatty products and gel.</p> <p><b>WIGOCOS MF</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>WIGOCOS MF</b> has a strong wetting effect and, even with strong turbulence in the cleaning bath, the product shows not only a particularly good wetting effect but also foam-free cleaning.</p> <p><b>WIGOCOS MF</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><b>Before CIP cleaning by spraying system, the cleaning solution must be heated to at least 70°C, as foam can form at lower temperatures.</b></p> <p>Concentration: 1,0 – 3,0 %        Temperature: 70 – 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, Steel, cast iron, glass</p> <p><b>WIGOCOS MF</b> must not be used on aluminium and its alloys as well as on tinned material . 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	Slightly Brownish – 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>	1.025 – 1.045		
<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>	11.0 – 12.0	n/a	n/a
<b>Conductance (1 %, 20°C) mS/cm</b>	n/a	n/a	n/a
<b>Phenolphthalein alkalinity (ml)</b>	2.65 ± 0.3 (1 % at 100 ml sample)		
<b>m-Value (ml)</b>	n/a		
<b>Storage stability</b>	+ 5°C to + 40°C		
<b>Remarks regarding biocides</b>	n/a		
<b>Hazardous products</b>	Potassium 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.