


<b>WIGOPHARM G EXTRA MSA</b>	<b>Item no.:</b>  <b>35 30 24</b>
<b>Areas of application</b>	<p><b>Cleaning concentrate for the Pharmaceutical -, Cosmetic and foodstuffs industry.</b> Highly effective cleaning concentrate for all acid system cleaning.</p> <p><b>WIGOPHARM G Extra MSA</b> is due to its special ingredients particularly for the removal of inorganic 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 G Extra MSA</b> is used in the circulating pumping procedure or CIP – procedure.</p> <p><b>WIGOPHARM G Extra MSA</b> is free of phosphorous acid and very mild to all metallic surfaces and sealing.</p> <p><b>WIGOPHARM G Extra MSA</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 G Extra MSA</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, also suitable for systems with CO<sub>2</sub> atmosphere:</b></p> <p>Concentration: 1.0 – 3.0 %        Temperature: cold        Time: 5 – 10 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, Aluminium</p> <p><b>WIGOPHARM G Extra MSA</b> must not be used on steel and cast iron.</p> <p>In addition, further material incompatibilities cannot be excluded. Therefore, test the product on an unimportant spot before its definite use.</p>

<b>Analysis of concentration</b>	see titration method		
<b>Physical and chemical properties</b>			
<b>Aspect/colour</b>	Colourless		
<b>Form</b>	Liquid		
<b>Odour</b>	Characteristic		
<b>Foaming behaviour</b> (see under conditions of application)	Not foaming		
<b>Phosphates</b>	None		
<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>	1.5 – 2.1	not applicable	not applicable
<b>Conductance (1%, 20°C) mS/cm</b>	7.4 – 9.4	22.0 – 26.0	37.0 – 43.0
<b>Phenolphthalein alkalinity (ml)</b>	2.3 ± 0.3 (1 % at 10 ml sample)		
<b>m-Value (ml)</b>	not applicable		
<b>Storage stability</b>	- 5° C – + 40° C		
<b>Remarks regarding biocides</b>	<b>Not applicable</b>		
<b>Hazardous products and risk symbols</b>	Methanesulphonic acid 2-(2-Butoxyethoxy)ethanol <div style="text-align: right;">   <b>DANGER</b> </div>		
<b>Special remarks</b>	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.  <b>Read in any case our safety data sheet before using the product!</b>		
<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.