


WIGOPHARM CIP MSA	Item no.: 35 30 22
Areas of application	<p>Cleaning concentrate for the Pharmaceutical -, Cosmetic and foodstuffs industry. Highly effective cleaning concentrate for all acid system cleaning.</p> <p>WIGOPHARM CIP MSA 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>WIGOPHARM CIP MSA is used in the circulating pumping procedure or CIP – procedure.</p> <p>WIGOPHARM CIP MSA contains special hardness stabilizers, which bind even with applications of hot water the water hardness. Special detergents guarantee an optimal rinsing without any residues. The product is free from phosphates!</p> <p>WIGOPHARM CIP MSA is formulated free of detergents and also for foam-free cleaning. The product shows even with strong turbulences a foam-free cleaning.</p>
Method of application	<p>Re-circulating cleaning system, also suitable for systems with CO₂ atmosphere:</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>
Material compatibility	<p>PVDF, PP, PE, PVC, Stainless Steel, Glass, Aluminium</p> <p>WIGOPHARM CIP MSA 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>

Analysis of concentration	see titration method		
Physical and chemical properties			
Aspect/colour	Colourless		
Form	Liquid		
Odour	Odourless		
Foaming behaviour (see under conditions of application)	Not foaming		
Phosphates	None		
Density (20°C) g/cm³	1.065 – 1.085		
Concentration	1% in H₂O dest.	3% in H₂O dest.	5% in H₂O dest.
pH value (1%, 20°C)	1.6 – 2.2	not applicable	not applicable
Conductance (1%, 20°C) mS/cm	6.0 – 8.0	17.5 – 21.5	29.0 – 34.0
Phenolphthalein alkalinity (ml)	1.9 ± 0.5 (1 % at 10 ml sample)		
m-Value (ml)	not applicable		
Storage stability	- 5° C – + 40° C		
Remarks regarding biocides	Not applicable		
Hazardous products and risk symbols	Methanesulphonic Acid  C CORROSIVE		
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.