


Product properties – Technical sheet

WIGOCERT SZM 01	Item no.: 35 20 36
Areas of application	<p>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.</p> <p>WIGOCERT SZM 01 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>WIGOCERT SZM 01 is used in the circulating pumping procedure or CIP – procedure.</p> <p>WIGOCERT SZM 01 is suitable for cleaning of paste-like emulsions with a high proportion of fat and surfactants. Thanks to an effective combination of acids and a particularly strong wetting effect, very good results can be achieved even with highly viscous formulations and weak cleaning mechanisms.</p> <p>WIGOCERT SZM 01 removes reliably and quickly inorganic deposits.</p> <p>WIGOCERT SZM 01 contains special antifoam agents to show from 60 °C temperature 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>
Method of application	<p>Re-circulating cleaning system, also suitable for systems with CO₂ atmosphere:</p> <p>Concentration: 1 – 3 % Temperature: cold – 40°C 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>WIGOCERT SZM 01 must not be used on steel, cast iron and tinned material.</p> <p>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	according to the titration instructions		
Physical and chemical properties			
Aspect/colour	Clear	Colourless – Yellowish	
Form	Liquid		
Odour	Odourless		
Foaming behaviour (see under conditions of application)	Not foaming		
Phosphates	n/a		
Density (20°C) g/cm³	1.150 – 1.170		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	2.2 – 2.8	n/a	n/a
Conductance (1 %, 20°C) mS/cm	1.2 – 1.4	1.85 – 2.25	2.6 – 3.1
Phenolphthalein alkalinity (ml)	5.5 ± 0.5 (1 % at 10 ml sample)		
m-Value (ml)	n/a		
Storage stability	+ 5°C to + 40°C		
Remarks regarding biocides	n/a		
Hazardous products	Lactic acid		
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.