


<b>WIGOCERT AF</b>	<b>Item no.:</b>  <b>35 20 34</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>WIGOCERT AF</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>WIGOCERT AF</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>WIGOCERT AF</b> is often used in combination with <b>WIGOCERT T</b> for 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>
<b>Method of application</b>	<p><b>Re-circulating cleaning system (CIP Cleaning):</b></p> <p><b>The product can be stacked in the balancing tanks for several days, taking into account the application concentration (re-dosing).</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</p> <p><b>WIGOCERT AF</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>

## Product properties – Technical sheet

Analysis of concentration	according to the titration instructions		
Physical and chemical properties			
Aspect/colour	Clear	Colourless	
Form	Liquid		
Odour	Odourless		
Foaming behaviour (see under conditions of application)	Not foaming		
Phosphates	n/a		
Density (20°C) g/cm³	1.160 – 1.180		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	12.1 – 12.7	n/a	n/a
Conductance (1 %, 20°C) mS/cm	5.0– 6.5	14.5 – 18.5	23.0 – 29.0
Phenolphthalein alkalinity (ml)	7.7 ± 0.5 (1 % at 30 ml sample)		
m-Value (ml)	n/a		
Storage stability	+ 5°C to + 40°C		
Remarks regarding biocides	n/a		
Hazardous products	Glutamic acid, N,N-diacetic acid, tetrasodium salt / Sodium Hydroxide		
Risk symbols			
	DANGER		
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.