



**Product properties – Technical sheet**

<p><b>WIGOPHARM BOOSTER DT</b></p>	<p><b>Item no.:</b> <b>00 17 64</b></p>
<p><b>Areas of application</b></p>	<p><b>CLEANING CONCENTRATE FOR PHARMACEUTICAL, COSMETIC AND FOOD INDUSTRY</b></p> <p><b>ACID, HIGHLY EFFECTIVE SURFACTANT FOR SPRAY CLEANING PROCESSES. SPECIAL DETERGENT FOR THE REMOVAL OF EXTREME FATTY RESIDUES BASED ON SILICONES.</b></p> <p><b>WIGOPHARM BOOSTER DT</b> can be mixed with alkaline, neutral and acid cleaning solutions. The product supports the emulsification of oil and fat and the dispersion of pigments.</p> <p><b>WIGOPHARM BOOSTER DT</b> is especially usable in CiP – systems and for manual cleaning. The product is very efficient in removing fatty residues.</p> <p><b>WIGOPHARM BOOSTER DT</b> is concentrated detergent based on special surfactants and dispersants.</p> <p><b>WIGOPHARM BOOSTER DT</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>WIGOPHARM BOOSTER DT</b> contains special anti-foam agents to show even with strong turbulences apart from a particularly good net effect also a foam-free cleaning from 40 °C. The wash active detergents are well water soluble, so that the problem of residues is reduced clearly when rinsing.</p>
<p><b>Method of application</b></p>	<p><b>Re-circulating cleaning system (CIP Cleaning):</b> Concentration: 1,0 – 2,0 % (used in combination with <b>WIGOPHARM MA EF 01</b>) Temperature: 40 – 90°C (temperatures less than 40°C lead to foaming) Time: 15 – 30 minutes</p> <p><b>Manual cleaning:</b> 50 – 100 ml <b>WIGOPHARM BOOSTER DT</b> in 10 l of water, using a mop, brush or pad.</p> <p>After having used the product rinse thoroughly with drinking water to remove any possible residues!</p>
<p><b>Material compatibility</b></p>	<p>PVDF, PP, PE, PVC, Stainless Steel (quality 1.4301), Glass, Tiles and austenitic CrNi-steel</p> <p><b>WIGOPHARM BOOSTER DT</b> must not be used on aluminium and non-ferrous metal.</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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<b>Analysis of concentration</b>	see titration method		
<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> (see under conditions of application)	Not foaming		
<b>Phosphates</b>	n/a		
<b>Density (20°C) g/cm<sup>3</sup></b>	1.095 – 1.115		
<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>	2.1 – 2.7	n/a	n/a
<b>Conductance (1 %, 20°C) mS/cm</b>	1.9 – 2.3	4.1 – 4.7	6.25 – 7.25
<b>Phenolphthalein alkalinity (ml)</b>	5.9 ± 1.0 (1 % at 30 ml sample)		
<b>m-Value (ml)</b>	n/a		
<b>Storage stability</b>	+ 5°C to + 35°C		
<b>Remarks regarding biocides</b>	n/a		
<b>Hazardous products</b>	1-Hydroxy Ethylidene-1,1-Diphosphonic Acid / Fatty amine ethoxylate / Fatty alcohol alkoxylate		
<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.