


Product properties – Technical sheet

BOOSTER ES C 50	Item no.: 00 09 18
Areas of application	<p>Booster ES C 50 is a concentrate to increase the cleaning efficiency of alkaline and acid cleaning solutions in spray, ultrasonic, flooding and immersion cleaning equipment.</p> <p>Booster ES C 50 can be used in washing and phosphatising units in order to increase the degreasing, to help oils and greases to float at the surface and to reduce the foam formation.</p> <p>Booster ES C 50 is able to reduce the foam behaviour of cleaning solutions.</p>
Corrosion protection	<p>Booster ES C 50 hasn't any components for corrosion protection to prevent sensitive material from corrosion.</p>
Method of application	<p>Suitable for automatic dosing (time relay or volumetric control):</p> <p>Concentration: 0.01 – 0.3 % as an additive into the cleaning solution Temperature: 50 – 90°C Pressure: 2 - 100 bar Time: 1 – 3 minutes</p> <p>According to the desired quality standard the cleaned parts must be rinsed thoroughly with water or demineralised water to remove any possible residues!</p> <p>If parts are sensitive to corrosion an addition of a corrosion inhibitor into the last rinsing bath is necessary.</p>
Material compatibility	<p>PVDF, PP, PE, PVC, stainless steel, aluminium, ceramic, glass, grey cast iron, steel and non-ferrous metal.</p> <p>Booster ES C 50 must not be used on zinc.</p> <p>In addition, further material incompatibilities cannot be excluded. Therefore, test the product on an unimportant part before its definite use.</p>

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Analysis of concentration	Via Photometry		
Physical and chemical properties			
Aspect/colour	Clear	Colourless – Slightly Brownish	
Form	Liquid		
Odour	Characteristic		
Foaming behaviour <small>(see under conditions of application)</small>	Not Foaming		
Phosphates	n/a		
Density (20°C) g/cm³	1,000 – 1,020		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	6.0 – 8.0	n/a	n/a
Conductance (1 %, 20°C) mS/cm	n/a	n/a	n/a
Phenolphthalein alkalinity (ml)	n/a		
m-Value (ml)	n/a		
Storage stability	+ 5°C to + 40°C		
Remarks regarding biocides	n/a		
Hazardous products	2-(2-butoxyethoxy)ethanol / Fatty alcohol alcoxylate		
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.