

Product properties – Technical sheet

BOOSTER M	Item no.: 00 17 13
Areas of application	<p>Booster M is an additive to increase the cleaning power of alkaline cleaning solutions. High efficient complexing agents are breaking mineral, rocky deposits and prevent the surfaces from salty sediments.</p> <p>Booster M extends the life cycle of alkaline bathes and prevents the precipitation of calcium and magnesium ions in case of extremely high water hardness.</p> <p>When the product is used in bottle washing machines the concentrate is given into the last station with alkaline solution in order to increase cleansing efficiency and achieve a more brilliant shine on the bottles.</p>
Method of application	<p>Add the product with an automatic dosing system (time relay, volumetric control) into the alkaline bath:</p> <p>Concentration: 0.3 – 2.0 % (depending on the hardness of water) Temperature: 20 – 90°C Spray-Pressure: 2 – 6 bar Time: according to the alkaline cleaning product</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, Steel, Cast Iron</p> <p>Attention: Booster M must not be used on aluminium and tin-plated 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	Dark Yellow – Brown	
Form	Liquid		
Odour	Characteristic		
Foaming behaviour <small>(see under conditions of application)</small>	Not foaming		
Phosphates	n/a		
Density (20°C) g/cm³	1.290 – 1.310		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	10.8 – 11.8	n/a	n/a
Conductance (1 %, 20°C) mS/cm	3.25 – 3.85	7.9 – 8.9	11.8 – 13.8
Phenolphthalein alkalinity (ml)	4.5 ± 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	Alanine, N,N-bis(carboxylatomethyl) Trisodium salt		
Risk symbols	The product is not classified according to the CLP regulation.		
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.