


BOTTLE WASH SFM	Item no.: 40 20 00
Areas of application	<p>Bottle Wash SFM is a mild alkaline concentrated agent for the manual cleaning of bottles in the beverage industry, especially for wine bottles.</p> <p>Bottle Wash SFM is adapted for the manual cleaning of bottles in vats, as it is carried out in breweries, lemonade and fruit-juice factories, dairies and wine cellars.</p> <p>Bottle Wash SFM is based on special cleansing and anti bactericide components to remove strong residues from the inner side of the bottles. Caked residues can be removed effortless.</p>
Method of application	<p>Manual application in a soaking process.</p> <p>Depending on the degree of contamination and the hardness of the industrial water: Concentration: 0.2 – 0.6 % (2 – 6 kg for 1,000 l of water) Temperature: cold – 30°C Time: 2 – 24 hours (the soaking period varies according to the type and degree of contamination)</p> <p>After the cleaning the bottles must be brushed out and rinsed with a plenty of fresh water.</p>
Material compatibility	<p>PVDF, PP, PE, PVC, Stainless Steel, Glass, Steel, Cast Iron</p> <p>Bottle Wash SFM must not be used on aluminium.</p> <p>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 – Slightly Yellowish	
Form	Liquid		
Odour	Weak, Characteristic		
Foaming behaviour (see under conditions of application)	Weak Foaming		
Phosphates	Contained		
Density (20°C) g/cm³	1.040 – 1.060		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	11.3 – 11.9	n/a	n/a
Conductance (1 %, 20°C) mS/cm	1.0 – 1.2	2.8 – 3.2	4.6 – 5.2
Phenolphthalein alkalinity (ml)	3.6 ± 0.5 (1 % at 100 ml sample)		
m-Value (ml)	n/a		
Storage stability	+ 5°C to + 40°C		
Remarks regarding biocides	n/a		
Hazardous products	Alcohols, C12-14, ethoxylated, sulfates, sodium salts / Sodium Hydroxide		
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.