


<p>SCALE INHIBITOR SWZ DO</p>	<p>Item no.: 00 11 80</p>
<p>Areas of application</p>	<p>Scale Inhibitor SWZ DO is a high concentrated agent used to inhibit the formation of scale in sinks and on the spray nozzles of cold and warm water stations in bottle washing machines.</p> <p>Scale Inhibitor SWZ DO is based on highly active complexing agents and passivation inhibitors to protect the bottle washing machine against corrosion and to control the pH-value in such a way that the waste water discharged from the washing machines in beverage industry is environmentally acceptable.</p> <p>Scale Inhibitor SWZ DO is especially environment friendly because:</p> <ul style="list-style-type: none"> ▪ no sulphates in waste water ▪ no phosphates ▪ reduction of pH value ▪ mild inorganic acids
<p>Method of application</p>	<p>Depending on the hardness of water, pH-value, temperature and the quantity of fresh water add into the rinsing stations with a suitable dosing system (time-relay, volumetric control or control according the pH value):</p> <p>The pH value should be between 7.5 and 9.0.</p> <p>After having used the product rinse thoroughly with drinking water to remove any possible residues!</p>
<p>Material compatibility</p>	<p>PVDF, PP, PE, PVC, Stainless Steel, Glass</p> <p>Scale Inhibitor SWZ DO must not be used on steel and cast iron. 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	Dark Yellow – Brownish	
Form	Liquid		
Odour	Pungent		
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)	2.2 – 2.8	n/a	n/a
Conductance (1 %, 20°C) mS/cm	1.55 – 1.75	2.7 – 3.1	3.9 – 4.4
Phenolphthalein alkalinity (ml)	8.5 ± 0.5 (1 % at 10 ml sample)		
m-Value (ml)	n/a		
Storage stability	- 5°C to + 40°C		
Remarks regarding biocides	n/a		
Hazardous products	Formic Acid / 2-phosphonobutane-1,2,4-tricarboxylic acid		
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.