

<p>SCALE INHIBITOR SWZ ST 1</p>	<p>Item no.: 40 33 91</p>
<p>Areas of application</p>	<p>Scale Inhibitor SWZ ST 1 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 ST 1 is especially developed to absorb the water hardness and should be used in combination with Scale Inhibitor SWZ ST 3</p> <p>Scale Inhibitor SWZ ST 1 is based on highly active complexing agents and passivation inhibitors to protect the bottle washing machine against corrosion in such a way that the waste water discharged from the washing machines in beverage industry is environmentally acceptable.</p> <p>Scale Inhibitor SWZ ST 1 is especially environment friendly because:</p> <ul style="list-style-type: none"> • no sulphates in waste water • no phosphates
<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):</p> <p>The dosing should be generally between 1.5 and 3.0 g/°dH and m³ of fresh water into the last rinsing station.</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 ST 1 must not be used on steel and cast iron.</p> <p>In addition, further material incompatibilities cannot be excluded. Therefore, test the product on an unimportant spot before its definite use.</p>

Analysis of concentration	Titration		
Physical and chemical properties			
Aspect/colour	Colourless		
Form	Liquid		
Odour	Odourless		
Foaming behaviour <small>(see under conditions of application)</small>	Not foaming		
Phosphates	None		
Density (20°C) g/cm³	1.090 – 1.110		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (1 %, 20°C)	2.1 – 2.7	not applicable	not applicable
Conductance (1 %, 20°C) mS/cm	2.2 – 2.6	5.5 – 6.5	9.0 – 10.5
Phenolphthalein alkalinity (ml)	3.0 ± 0.2 (1 % at 10 ml sample)		
m-Value (ml)	not applicable		
Storage stability	- 5°C – + 40°C		
Biocidhinweis	not applicable		
Gefahrstoffe	Phosphonic acid		
Gefahrensymbole			
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.