

**Product properties – Technical sheet**

<b>SODIUM SULPHITE LIQUID</b>	<b>Item no.:</b>  <b>00 04 83</b>
<b>Areas of application</b>	<p>Stabilised solution of Sodium Sulphite for a fast reduction of oxygen in steam boilers.</p> <p>Until 30 bar, there is not any steam volatility of <b>Sodium</b> Sulphite and there are not any disadvantageous reactions.</p> <p>The surplus of Sodium Sulphite should be between 20 and 40 mg/l. It is necessary to observe the instructions of the manufactures and the technical rules.</p> <p><b>Conductivity: 30 – 8000 µS/cm</b>  <b>Iron, total: &lt; 0,05 mg/l</b>  <b>Phosphate (PO4): 10 – 20 mg/l</b></p>
<b>Method of application</b>	<p><b>Depending on the content of salt use 130 – 260 ml/m<sup>3</sup>.</b></p> <p><b>The surplus of Sodium Sulphite must be between 20 and 40 mg/l.</b></p> <p>Because of permanent enrichment of different salts in the boiler water (high conductivity, high pH value, and high concentration of iron), it is necessary to reduce the concentration by a change of boiler water with fresh water.</p> <p><b>Additional the pH value of fresh water must be &gt; pH 9 and the water in the steam boiler must be between pH 10.5 and 12.0. To make the water more alkaline please use Trinatrium-phosphate item no. 000484.</b></p>
<b>Material compatibility</b>	<p>Non-incompatibility known.</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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<b>Analysis of concentration</b>	Photometry						
<b>Physical and chemical properties</b>							
<b>Aspect/colour</b>	Colourless						
<b>Form</b>	Liquid						
<b>Odour</b>	Odourless						
<b>Foaming behaviour</b> <small>(see under conditions of application)</small>	Not foaming						
<b>Phosphates</b>	not applicable						
<b>Density (20°C) g/cm<sup>3</sup></b>	1.140 – 1.160						
<b>Concentration</b>	<b>1 % in H<sub>2</sub>O dest.</b>	<b>3 % in H<sub>2</sub>O dest.</b>	<b>5 % in H<sub>2</sub>O dest.</b>				
<b>pH value (1 %, 20°C)</b>	8.9 – 9.5	not applicable	not applicable				
<b>Conductance (1 %, 20°C) mS/cm</b>	2.5 – 3.0	5.3 – 6.3	8.4 – 10.4				
<b>Phenolphthalein alkalinity (ml)</b>	not applicable						
<b>m-Value (ml)</b>	not applicable						
<b>Storage stability</b>	+ 5°C to + 30°C						
<b>Remarks regarding biocides</b>	<b>not applicable</b>						
<b>Product contains:</b>	Sodium sulfite						
<b>Risk symbols</b>	<table border="1" style="width: 100%; height: 40px;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> </table>						
	<b>VOID</b>						
<b>Special remarks</b>	<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><b>Read in any case our safety data sheet before using the product!</b></p>						
<b>Disposal</b>	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.