


## Product properties – Technical sheet

<b>ANTICO KA</b>	<b>Item no.:</b>  <b>60 10 18</b>
<b>Areas of application</b>	<p><b>Antico KA</b> is a technical solution and combines oxygen binding, stabilization and alkalization in the treatment of boiler feed water.</p> <p><b>Antico KA</b> vapor does not contain volatile substances and is suitable for use in the food industry.</p>
<b>Method of application</b>	<p>Depending on the Water quality use 500 – 1,000 ml/m<sup>3</sup>.</p> <p><b>Surplus of phosphates (PO<sub>4</sub>):</b> 10.0 – 20.0 mg/l</p> <p><b>Surplus of Sodium Sulphite:</b> 20.0 – 40.0 mg/l</p> <p><b>pH – value:</b>        Fresh water: &gt; pH 9        Steam boiler water: pH 10.5 – 12.0</p> <p>Moreover, the instructions of the manufacturer and the relevant Technical Rules are observed.</p> <p><b>Conductance:</b> 30-8,000 µS / cm  <b>Iron, total:</b> &lt;0.05 mg / l  <b>Phosphate (PO<sub>4</sub>):</b> 10.0 – 20.0 mg / l  <b>Sodium:</b> 20.0 – 40.0 mg / l</p> <p>As a result 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>
<b>Material compatibility</b>	<p>Non incompatibility known.</p> <p><b>Attention:</b>        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>	Testing phosphates and sulphites or according to the titration instructions		
<b>Physical and chemical properties</b>			
<b>Aspect/colour</b>	Clear	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>	Contained		
<b>Density (20°C) g/cm<sup>3</sup></b>	1.130 – 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>	11.1 – 11.7	n/a	n/a
<b>Conductance (1 %, 20°C) mS/cm</b>	2.3 – 2.7	5.6 – 6.6	9.0 – 10.5
<b>Phenolphthalein alkalinity (ml)</b>	2.0 ± 0.5 (1 % at 50 ml sample)		
<b>m-Value (ml)</b>	n/a		
<b>Storage stability</b>	+ 5°C to + 30°C		
<b>Remarks regarding biocides</b>	n/a		
<b>Hazardous products</b>	Sodium sulfite / Sodium phosphate		
<b>Risk symbols</b>			
	<b>WARNING</b>		
<b>Special remarks</b>	<p><b>Protect from frost!</b> Store only in the original bundle. 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.