


## Product properties – Technical sheet

<b>BACTROL COMBI</b>	<b>Item no.:</b>  <b>00 11 98</b>
<b>Areas of application</b>	<p>High-efficiency preservation to be used for all circulating water systems, e.g. tank spray cooling or re-cooling systems in beverage industry with anti-foam component for strong turbulences.</p> <p><b>BACTROL COMBI</b> has additional special components for the stabilisation of water hardness and to prevent lime stone development on surfaces</p> <p><b>BACTROL COMBI</b> acts against organic and inorganic residues. One of the remarkable features of the agent is its excellent wetting power so that it can penetrate into the small gaps and pores, allowing uniform wetting of all surfaces. The solutions to be applied have an excellent material compatibility.</p>
<b>Method of application</b>	<p><b>For standard application:</b>        Concentration: 100 – 500 g/m<sup>3</sup> (100 – 500 ppm)        Temperature: cold – 80°C</p> <p><b>For special application:</b>        Concentration: 500 – 1,000 g/m<sup>3</sup> (500 – 1,000 ppm)        Temperature: cold – 80°C</p> <p>After having used the product rinse thoroughly with drinking water to remove any possible residues!</p> <p>High concentration of chloride ions in the used water can lead to hole and intergranular corrosion at stainless steel when the time of application is longer as described in this data sheet.</p> <p>Different metals in the system can lead to corrosion if the product is used in re-circulation systems for a long time.</p>
<b>Material compatibility</b>	<p>PVDF, PP, PE, PVC, stainless steel, aluminium</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>	not applicable		
<b>Physical and chemical properties</b>			
<b>Aspect/colour</b>	Colourless		
<b>Form</b>	Liquid		
<b>Odour</b>	Characteristic		
<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>	1.065 – 1.085		
<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>	6.0 – 7.0	not applicable	not applicable
<b>Conductance (1 %, 20°C) mS/cm</b>	not applicable	not applicable	not applicable
<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>	not applicable		
<b>Hazardous products</b>	reaction mass of: 5-chloro-2-methyl-4-isothiazolin -3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)		
<b>Risk symbols</b>			
	<b>DANGER</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.