



**Product properties – Technical sheet**

<b>CARBOCID S</b>	<b>Item no.:</b>  <b>60 50 05</b>
<b>Areas of application</b>	<p><b>Carbocid S</b> is an acid disinfectant with very good bactericidal effect.</p> <p><b>Carbocid S</b> is particularly suitable for the removal of bacteria, yeast plants and moulds in food industry equipment (wine producers, breweries, soft drink industry, and meat processing industry).</p> <p><b>Carbocid S</b> is particularly suitable for disinfection and passivation after alkaline cleaning processes.</p>
<b>Method of application</b>	<p><b>Usual concentration:</b>        1.0 g/l (0.1 %)        for shock disinfection: 3.0 /l (0.3 %)</p> <p><b>Temperature:</b>        Cold</p> <p><b>Rinsing:</b>        It is necessary to use for the rinsing process hot water of drinking water quality, because the product contains quaternary ammonium compounds (QAV). These compounds are difficult to rinse-off. In the technical application it is questionable if it is possible to rinse-off all residues up to a zero value!</p>
<b>Material compatibility</b>	<p>PVDF, PP, PE, PVC, Stainless Steel, Glass, Tiles</p> <p><b>Carbocid S</b> must not be used on plastic, especially perspex. 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>	according to the titration instructions		
<b>Physical and chemical properties</b>			
<b>Aspect/colour</b>	Clear	Colourless	
<b>Form</b>	Liquid		
<b>Odour</b>	Characteristic		
<b>Foaming behaviour</b> <small>(see under conditions of application)</small>	Slightly foaming		
<b>Phosphates</b>	Contained		
<b>Density (20°C) g/cm<sup>3</sup></b>	1.160 – 1.180		
<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>	1.8 – 2.4	not applicable	not applicable
<b>Conductance (1 %, 20°C) mS/cm</b>	4.8 – 5.4	9.5 – 11.0	14.5 – 16.5
<b>Phenolphthalein alkalinity (ml)</b>	6.4 ± 0.5 (1 % at 10 ml sample)		
<b>m-Value (ml)</b>	not applicable		
<b>Storage stability</b>	- 5°C to + 30°C		
<b>Remarks regarding Biocides</b>	<p><b>Use biocides safely. Always read the label and product information before use!</b></p> <p><b>The product contains: 125 g/kg Alkyldimethylbenzylammonium chloride</b></p>		
<b>Hazardous products</b>	Orthophosphoric acid / Quaternary ammonium compounds, benzyl-C12-C16-alkyl dimethylchloride		
<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.</p> <p>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.