



## Product properties – Technical sheet

<b>CIP CLEANER CL EXTRA</b>	<b>Item no.:</b>  <b>40 60 06</b>
<b>Areas of application</b>	<p><b>COMBINED SYSTEM FOR CLEANING AND DISINFECTION IN THE BEVERAGE INDUSTRY.</b></p> <p>Concentrated cleaner with high active chlorine for the alkaline cleaning of tank and pipe systems. Because of the appropriate combination of anti-scale agents and not foaming ingredients.</p> <p><b>CIP Cleaner CL EXTRA</b> is particularly suitable for the cleaning of stainless steel, plastic, glass and cement tanks in wine industry.</p> <p><b>CIP Cleaner CL EXTRA</b> easily removes yeast plants, mould, protein residues as well as slight tartar deposits.</p>
<b>Method of application</b>	<p><b>1. Fill the containers to be cleaned with the solution:</b>        Approx. 5 to 6 kg per 1,000 l water        Leave the solution to work 2 - 4 days.</p> <p><b>2. Re-circulating pump system or CIP cleaning:</b>        For a tank volume of 5,000 l dilute <b>CIP cleaner CL EXTRA</b> with 400 to 500 l water in a ratio of 20 – 30 g/l        re-circulate during approx. 30 to 60 minutes with low or high pressure using a spray nozzle</p> <p><b>3. Manual Cleaning:</b>        Brush the tank with a solution of 5 g/l.</p> <p>After having used the product rinse thoroughly with drinking water to remove any possible residues!</p> <p>In case of insufficient rinsing in the 'dead areas' of the plant equipment and pipes or in gaps e.g. under seals it could come to the enrichment of chloride ions which can lead at pH values &lt; 7 to pit, hole and intergranular corrosion at stainless steel!</p>
<b>Material compatibility</b>	<p>PVDF, PP, PE, PVC, Stainless Steel, Glass, Tiles</p> <p><b>CIP Cleaner CL EXTRA</b> must not be used on aluminium. 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>aspe</b>	Clear	Slightly Yellowish – Yellowish	
<b>Form</b>	Liquid		
<b>Odour</b>	Chlorine-like		
<b>Foaming behaviour</b> <small>(see under conditions of application)</small>	Not Foaming		
<b>Phosphates</b>	n/a		
<b>Density (20°C) g/cm<sup>3</sup></b>	1.160 – 1.190		
<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>	12.0 – 12.6	n/a	n/a
<b>Conductance (1 %, 20°C) mS/cm</b>	6.0 – 7.0	17.5 – 19.5	28.5 – 32.5
<b>Phenolphthalein alkalinity (ml)</b>	2,35 ± 0.25 (1 % at 10 ml sample)		
<b>m-Value (ml)</b>	n/a		
<b>Storage stability</b>	+ 5°C to + 40°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: 39 g/kg active Cl</b></p>		
<b>Hazardous products</b>	Sodium Hydroxide / Sodium hypochlorite solution		
<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.