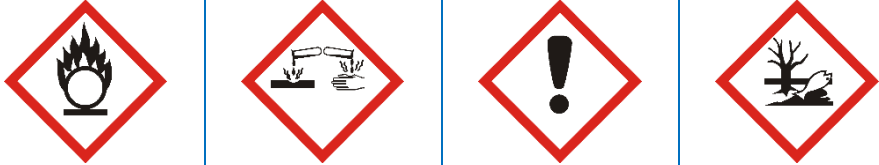


Product properties – Technical sheet

<p>HYDROSAN CD</p>	<p>Item no.: 41 37 29</p>
<p>Areas of application</p>	<p>Hydrosan CD is a combination of stabilized active oxygen, specified per acetic acid and acid for dosing according to conductivity.</p> <p>Hydrosan CD has a micro biocide effect which includes all types of micro organisms. Yeast plants, moulds, Endosporen and all types of bacteria are completely deactivated even when disinfection is made in the cold temperature range.</p> <p>Hydrosan CD can be used for the disinfection of tanks, pipelines and drums, for the immersion and spray sterilization of drink bottles as well for the disinfection of surfaces and the sterilization of immersion batches and other devices.</p> <p>After having reacted with the germs Hydrosan CD disintegrates into the harmless components water and acetic acid.</p>
<p>Method of application</p>	<p>For immersion bath sterilizers: Concentration: 20 g/l (2.0 %) Temperature: cold Time: 30 – 60 seconds</p> <p>For CIP – application: Concentration: 5.0 – 20 g/l (0.5 – 2.0 %) Temperature: cold Time: 5 – 10 minutes</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>
<p>Material compatibility</p>	<p>Stainless Steel, PP, PVC, PE, PVDF.</p> <p>Hydrosan CD must not be used on steel, cast iron and aluminium. In addition, further material incompatibilities cannot be excluded. Therefore, test the product on an unimportant spot before its definite use.</p>

Product properties – Technical sheet

Analysis of concentration	see titration method		
Physical and chemical properties			
Aspect/colour	Colourless		
Form	Liquid		
Odour	Slightly Pungent		
Foaming behaviour <small>(see under conditions of application)</small>	Not foaming		
Phosphates	not applicable		
Density (20°C) g/cm³	1.145 – 1.175		
Concentration	1 % in H₂O dest.	3 % in H₂O dest.	5 % in H₂O dest.
pH value (20°C)	1.8 – 2.4	not applicable	not applicable
Conductance (20°C) mS/cm	4.5 – 5.5	11.0 – 14.0	17.0 – 23.0
Phenolphthalein alkalinity (ml)	not applicable		
m-Value (ml)	not applicable		
Storage stability	+ 5°C to + 25°C		
Remarks regarding biocides	<p>Use biocides safely. Always read the label and product information before use! The product contains: 230 g/kg Hydrogen peroxide, 50 g/kg Per acetic acid</p>		
Hazardous products	Hydrogen peroxide / acetic acid / Sulfuric acid solution / Peroxy-acetic Acid		
Risk symbols			
	DANGER		
Special remarks	<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>Read in any case our safety data sheet before using the product!</p>		
Disposal	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.