




| <p>HYDROSAN STABIL</p> | <p>Item no.: 41 37 28</p> | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|--|---------------------|------------------------|---------------------|--|--|------------------|-----------------------|--|------------------------|--|-----------------------|---------------------|----------------------|---------------------|---------|-------|-------|-------|-------|---------|-------|-------|-------|-------|
| <p>Areas of application</p> | <p>Hydrosan Stabil is a combination of stabilized active oxygen and specified per acetic acid.</p> <p>Hydrosan Stabil 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 Stabil 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 Stabil disintegrates into the harmless components water and acetic acid.</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Method of application</p> | <p>Concentration: (minimum) 5g/l (0.5%)</p> <table border="1" data-bbox="592 1066 1273 1245"> <thead> <tr> <th colspan="5">Temperature: 20° C</th> </tr> <tr> <th rowspan="2">Applica- time</th> <th colspan="2">low contaminated area</th> <th colspan="2">high contaminated area</th> </tr> <tr> <th>Bactericide conc..</th> <th>Fungicide* conc.</th> <th>Bactericide conc.</th> <th>Fungicide* conc.</th> </tr> </thead> <tbody> <tr> <td>30 min.</td> <td>5 g/l</td> <td>5 g/l</td> <td>5 g/l</td> <td>5 g/l</td> </tr> <tr> <td>60 min.</td> <td>5 g/l</td> <td>5 g/l</td> <td>5 g/l</td> <td>5 g/l</td> </tr> </tbody> </table> <p>*(C. albicans)</p> <p>The concentration during the application depends on the temperature, time of application and the quantity of micro organism to be killed.</p> <p>CIP – Application – concentration: 5.0 – 10.0 g/l (0.5 – 1.0 %) Bottle Sterilization (dipping) – concentration: 10 g/l (1.0%) Bottle Sterilization (spraying) – concentration: 30 g/l (3.0%)</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. Different metals in the system can lead to corrosion if the product is used in re-circulation systems for a long time.</p> | Temperature: 20° C | | | | | Applica- time | low contaminated area | | high contaminated area | | Bactericide conc.. | Fungicide* conc. | Bactericide conc. | Fungicide* conc. | 30 min. | 5 g/l | 5 g/l | 5 g/l | 5 g/l | 60 min. | 5 g/l | 5 g/l | 5 g/l | 5 g/l |
| Temperature: 20° C | | | | | | | | | | | | | | | | | | | | | | | | | |
| Applica- time | low contaminated area | | high contaminated area | | | | | | | | | | | | | | | | | | | | | | |
| | Bactericide conc.. | Fungicide* conc. | Bactericide conc. | Fungicide* conc. | | | | | | | | | | | | | | | | | | | | | |
| 30 min. | 5 g/l | 5 g/l | 5 g/l | 5 g/l | | | | | | | | | | | | | | | | | | | | | |
| 60 min. | 5 g/l | 5 g/l | 5 g/l | 5 g/l | | | | | | | | | | | | | | | | | | | | | |
| <p>Material compatibility</p> | <p>Stainless Steel, PP, PVC, PE, PVDF.</p> <p>Hydrosan Stabil 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> | | | | | | | | | | | | | | | | | | | | | | | | |

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| Analysis of concentration | see titration method | | | |
| Physical and chemical properties | | | | |
| Aspect/colour | Colourless | | | |
| Form | Liquid | | | |
| Odour | Pungent | | | |
| Foaming behaviour (see under conditions of application) | Not foaming | | | |
| Phosphates | None | | | |
| Density (20°C) g/cm³ | 1.140 – 1.160 | | | |
| Concentration | 1% in H₂O dest. | 3% in H₂O dest. | 5% in H₂O dest. | |
| pH value (1%, 20°C) | 2.9 – 3.5 | not applicable | not applicable | |
| Conductance (1%, 20°C) mS/cm | not applicable | not applicable | not applicable | |
| Phenolphthalein alkalinity (ml) | not applicable | | | |
| m-Value (ml) | not applicable | | | |
| Storage stability | + 5° C – + 25° C | | | |
| Remarks regarding biocides | Biocides reliably use. Before use always read marking and product information! The product contains: 230 g/kg Hydrogen peroxide 150 g/kg Per acetic acid | | | |
| Hazardous products and risk symbols | Hydrogen peroxide solution, Per acetic acid, Acetic acid |  DANGER |  DANGER |  WARNING |
| Special remarks | 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. Read in any case our safety data sheet before using the product! | | | |
| 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.