






**CLEANING**

# SECOSAN ECO

Chlorine-free sanitizing detergent for cleaning and sanitation of wine and beverage industry equipment

	<p><b>GENERAL CHARACTERISTICS</b> Secosan Eco is a powder detergent composed of alkali, dispersers, descalers, polishers and sources of active oxygen. These components provide strong decoloring and oxidation actions and provide additional disinfecting properties. Secosan Eco is particularly suitable for use in hard water given its notable descaling properties.</p> <p><b>CHEMICAL-PHYSICAL CHARACTERISTICS</b></p> <table border="0"> <tr> <td>Physical Appearance:</td> <td>powder</td> </tr> <tr> <td>Color:</td> <td>white</td> </tr> <tr> <td>Odor:</td> <td>practically odorless</td> </tr> <tr> <td>Density at 20°C kg/dm<sup>3</sup>:</td> <td>0.88 approx.</td> </tr> <tr> <td>pH (1% sol. in H<sub>2</sub>O):</td> <td>10.7</td> </tr> <tr> <td>Solubility in water:</td> <td>100 g/L</td> </tr> <tr> <td>Foam production:</td> <td>controlled</td> </tr> <tr> <td>Effect on materials:</td> <td>Does not corrode stainless steel, glass, glass-lined iron, PE, PVC, PP, PS at the recommended usage concentrations. Corrodes aluminum, zinc iron, and oxidizes copper, brass and bronze. For epoxy resin on tanks, since the chemical structure is unknown, it is recommended to complete preliminary compatibility trials.</td> </tr> </table>	Physical Appearance:	powder	Color:	white	Odor:	practically odorless	Density at 20°C kg/dm <sup>3</sup> :	0.88 approx.	pH (1% sol. in H <sub>2</sub> O):	10.7	Solubility in water:	100 g/L	Foam production:	controlled	Effect on materials:	Does not corrode stainless steel, glass, glass-lined iron, PE, PVC, PP, PS at the recommended usage concentrations. Corrodes aluminum, zinc iron, and oxidizes copper, brass and bronze. For epoxy resin on tanks, since the chemical structure is unknown, it is recommended to complete preliminary compatibility trials.
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	<p><b>APPLICATIONS</b> Cleaning and sanitation of tanks, pipes, filling machines, barrels, etc.</p>																
	<p><b>DOSAGE AND INSTRUCTIONS FOR USE</b></p> <p><b>Cleaning treatments</b> Cleaning tanks, pipes, filling machines in stainless steel, glass, glass-lined iron, PE, PVC, PP and PS and barrels:</p> <ul style="list-style-type: none"> <li>▪ Pre-wash with water;</li> <li>▪ prepare a 1-3% solution of Secosan Eco in room temperature water;</li> <li>▪ use this solution in circulation or by spraying for 20-30 minutes;</li> <li>▪ rinse with running water.</li> </ul> <p><b>Deep cleaning treatments</b> Cleaning tanks, pipes, filling machines in stainless steel, glass, glass-lined iron, PE, PVC PP and PS:</p> <ul style="list-style-type: none"> <li>▪ Pre-wash with water;</li> <li>▪ prepare a 1-5% solution of Secodet Powder in room temperature water;</li> <li>▪ use this solution in circulation or by spraying for 5 minutes;</li> <li>▪ add a 0.1-0.5% solution of Secosan Eco to the washing solution (one tenth of the Secodet Powder concentration previously used);</li> <li>▪ use this solution in circulation or by spraying for another 15-25 minutes;</li> <li>▪ rinse with running water.</li> </ul>																

*The indications given here correspond to the current state of our knowledge and experience, however they do not relieve the user from compliance with safety and protection regulations or from improper use of the product.*

	<p><b>Deep cleaning of wooden barrels</b></p> <ul style="list-style-type: none"> <li>▪ Pre-wash with water;</li> <li>▪ prepare a 1-5% solution of Secosan Eco in room temperature water;</li> <li>▪ use this solution in circulation or by spraying for 5 minutes;</li> <li>▪ add a 0.5-1.5% solution of Secodet Powder to the washing solution (higher dosage for more difficult hygiene condition);</li> <li>▪ use this solution in circulation or by spraying for another 15-25 minutes;</li> <li>▪ rinse with running water.</li> </ul> <p><b>SOLUTION CONTROL</b></p> <p>Completed by acidimetry</p> <p>Sample 100 mL of Secosan Eco solution</p> <p>Add a tip of a spatula worth of Sodium Thiosulfate and a few drops of phenolphthalein (1% solution)</p> <p>Titrate with 1N Chloridric acid until it just turns red</p> <p>Secosan Eco concentration %= mL 1N Chloridric acid x 0.193</p>
	<p><b>PACKAGING AND STORAGE CONDITIONS</b></p> <p>25 kg</p> <p>Sealed package: store in a cool, dry and well-ventilated area. Opened package: carefully reseal and store as indicated above.</p>
	<p><b>COMPLIANCE</b></p> <p>For more detailed information on the product handling and disposal of solutions, please refer to the safety data sheets.</p>

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