



# SECOSAN ECO

## **CHLORINE FREE SANITIZING DETERGENT FOR CLEANING AND SANITATION OF WINE AND BEVERAGE INDUSTRY EQUIPMENT**

### DESCRIPTION

SECOSAN ECO is a powder detergent composed of alkali, dispersers, descalers, polishers and sources of active oxygen. These components give strong discoloration and oxidation actions and provide additional disinfecting properties. It is particularly suitable for use in hard water given its notable descaling properties.

### PHYSICO-CHEMICAL FEATURES

Physical Appearance	: powder
Colour	: white
Odour	: practically odourless
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.

### APPLICATIONS

Cleaning and sanitation of tanks, pipes, filling machines, barrels, etc.

### INSTRUCTIONS FOR USE AND DOSAGE

#### ***Cleaning and sanitation treatments***

Cleaning tanks, pipes, filling machines in stainless steel, glass, glass-lined iron, PE, PVC, PP and PS and barrels:

- Pre-wash with water;
- prepare a 1-3% solution of SECOSAN ECO in room temperature water;
- use this solution in circulation or by spraying for 20-30 minutes;
- rinse with running water.

#### ***Deep sanitation treatments***

Cleaning tanks, pipes, filling machines in stainless steel, glass, glass-lined iron, PE, PVC PP and PS:

- Pre-wash with water;
- prepare a 1-5% solution of SECODET POWDER in room temperature water;
- use this solution in circulation or by spraying for 5 minutes;
- add a 0,1-0,5% solution of SECOSAN ECO to the washing solution (one tenth of the SECODET POWDER concentration previously used);
- use this solution in circulation or by spraying for another 15-25 minutes;
- rinse with running water.

#### ***Deep sanitation of wooden barrels***

- Pre-wash with water
- prepare a 1-5% solution of SECOSAN ECO in room temperature water;
- use this solution in circulation or by spraying for 5 minutes;
- add a 0,5-1,5% solution of SECODET POWDER to the washing solution (higher dosage for more difficult hygiene condition);
- use this solution in circulation or by spraying for another 15-25 minutes;
- rinse with running water.



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## SOLUTION CONTROL

Completed by acidimetry

- Sample 100 mL of SECOSAN ECO solution
- Add a tip of a spatula of Sodium Thiosulfate and a few drops of phenolphthalein (1% solution)
- Titrate with 1N Chloridric acid until it just turns red
- SECOSAN ECO concentration % = mL 1N Chloridric acid x 0.193

## PACKAGING AND STORAGE

25 kg Bag

Avoid improper manipulation of the packaging that could lead to product spills.

Store far from heat sources, and keep the recipient tightly closed.

The product is not flammable

For more detailed information about product handling and proper solution disposal please refer to the safety information data sheet.