



SECOCLOR EXTRA

CHLOROACTIVE DETERGENT WITH A SANITIZING EFFECT TO CLEAN EQUIPMENT FOR WINE AND BEVERAGE INDUSTRIES.

DESCRIPTION

SECOCLOR EXTRA is a great liquid detergent made of caustic alkali, dispersants, descalers, sparkling agents and chlorine donors that have a strong bleaching, oxidizing and sanitizing action. It is particularly suitable for hard water thanks to its high descaling and dispersant capacity.

CHEMICAL AND PHYSICAL ASPECTS

Physical aspect	Clear liquid
Colour	Straw Yellow
Odour	Typical of chlorine
Density at 20 °C kg/dm ³	1.20 approx. 1.190 approx
pH (1% sol. H ₂ O)	12.1 approx > 13.0
Active Chlorine (1% sol. in H ₂ O)	600 ppm 650MIN.
Solubility in water	Unlimited
Foam formation	none
Effects on metals	At the recommended concentrations it does not damage stainless steel, glass, enamelled iron, PE, VC, PP, PS; it corrodes Al, Iron Zinc; oxidizes Cu, brass and bronze. On plastic tank accessories, since the chemical structure is unknown, it is advisable to do some initial compatibility tests.

APPLICATIONS AND USES

In the wine industry to clean and sanitize tanks, tubes, fillers, casks etc. In the beverage industry to clean and sanitize fillers, tubes and tanks etc.

INSTRUCTIONS FOR USE

Wine industry

-SECOCLOR EXTRA is used to clean tanks, tubes, fillers and casks at a 1% concentration at room temperature in circulation or spray for 12-15 minutes.

-SECOCLOR EXTRA is used at 2% concentration at room temperature in circulation for cleaning draft equipment dispensers in beverage serving.

Beverage Industry

SECOCLOR EXTRA is used to:

- wash tanks, tubes, container and fillers at a 1-2% concentration from room temperature to 50 °C for 20-30 minutes.
- cleaning and sanitizing draft equipment in beverage serving at a 3% concentration at room temperature for 20 minutes, followed by rinsing.

CONTROLLING SOLUTIONS- REAGENTS AND EQUIPMENT

- Hydrochloric Acid 1N
- Sodium thiosulfate 0.1N
- Sulphuric Acid sol. at 25%
- Potassium iodide crystals
- Starch indicator (1% sol. of soluble starch)
- Phenolphthalein 1% sol.

CONTROLLING SOLUTIONS

By acidimetry and/or by oxidimetry

ACIDIMETRY METHOD

Sample 100 mL of SECOCLOR EXTRA solution, add a pinch of Sodium Thiosulfate and a few drops of Phenolphthalein.

Titrate with 1N Hydrochloric Acid until the red colour disappears.

% SECOCLOR EXTRA Concentration= mL 1M Hydrochloric Acid 1N x 1,25



SECOCLOR EXTRA

OSSIDIMETRIC METHOD

Sample 100 mL of SECOCLOR EXTRA solution, add a pinch of potassium iodide and near 10 - 15 mL of sulphoric acid solution at 25% and 1 - 2 mL of weldind of starch indicator.

The solution will be colored blue violet.

Titrate with 0.1 N Sodium Thiosulphate solution to complete discoloration

ppm chlorine concentration = mL Sodium Thiosulfate 0,1N x 35,5

PACKAGING AND STORAGE

10 kg - 25 KG - 1000 kg

Sealed package: store in a cool, dry, well-ventilated area, away from heat sources. Protect from frost.

Opened package: carefully reseal and store it as indicated above. Keep away from acids

The product is non-flammable. For more information about the use and appropriate disposal of the washing solution, please consult the Safety Data Sheet