



CELOPOL Liquid

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 Descaling detergent based on sulfamic acid for the washing of closed circuits

→ DESCRIPTION

Celopol Liquid is a formulation based on sulfamic acid enabling to obtain a solution with washing and descaling action, able to remove organic and inorganic residues from surfaces.

Celopol Liquid can be used for a wide range of applications in food industries, beverage bottling industries and in the dairy field, above all where there are problems related to drains.

Celopol Liquid is low foaming, therefore it is suitable for CIP applications.

Celopol Liquid can be used by means of dosage and control automatic systems ensuring a correct dosage of the formulation.

→ TECHNICAL CHARACTERISTICS

Physical appearance: colourless clear liquid

pH: $1,0 \pm 0,5$

pH (3% solution): $2,0 \pm 0,5$

Relative density at 20°C: $1,1 \pm 0,05$

Conductivity 1% sol. at 25°C: 4 mS/cm

Phosphor content (P): absent

The above indicated chemical-physical data represent the typical product's characteristics drawn from the analysis carried out on the product. These values are not a specification.

→ INSTRUCTIONS FOR USE*

Use **Celopol Liquid** at concentrations between 1 and 3%. We suggest washing temperatures above 45°C. The exact modality of application strictly depends on the kind of application, contamination and the quantity of limestone present. Carry out a careful final rinsing with drinking water.

→ FIELDS OF APPLICATION

Washing and descaling of closed circuits, recovery and one-way CIP plants, tanks and pipes, pasteurizers. Washing of molds and equipments in tunnel systems and static baths.





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→ COMPATIBILITY OF THE FORMULATION

Celopol Liquid is compatible with most material normally present in food industries, if used according to the producer's indications. Do not use on aluminium, copper, zinc-plated iron and phenolic resins. Do not leave static solutions in contact with surfaces for a long time. In case of doubt, carry out a test on the single material before using the product.

→ PRECAUTIONS FOR HANDLING AND STORAGE

Store in the original containers and avoid extreme temperatures. Consult the Material Safety Data Sheet.

→ TITRATION METHOD

Sample: 100 mL of washing solution

Indicator: phenolphthalein

Titration agent: solution of sodium hydroxide (NaOH) 1N

% (v/v) **Celopol Liquid** is = mL titration agent x 0,605

% (w/w) **Celopol Liquid** is = mL titration agent x 0,666

→ PACKAGING

25 kg net drums.

1050 kg net IBC.

*The indications have been established for general use conditions. For conditions differing from the norm, for example depending on the particular water hardness, the working method or cleaning problems, please consult us; our technical service will be pleased to advise you and to cooperate with you.

