



CELOPOL

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 Powder descaling detergent based on sulfamic acid

→ DESCRIPTION

Celopol is a powder formulation based on sulfamic acid, phosphor and nitrogen free, enabling the obtainment of a solution with a washing and descaling action, able to remove from surfaces the organic and inorganic residues.

Celopol can be used for a wide range of applications in food industries, beverage bottling and in the dairy sector, above all where there are problems connected with discharge.

Celopol has a controlled foaminess and this makes the product suitable for CIP applications. Also, its direct abrasive action can be exploited for some special applications (double bottom for the production of ricotta cheese).

→ TECHNICAL CHARACTERISTICS

- Physical appearance: crystalline white powder
- pH (4% solution at 20°C): < 2
- Relative density at 20°C: 1,25 ± 0,15
- Conductivity 1% sol. at 25°C: 30 mS/cm
- Phosphor (P) content: 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** at concentrations between 0,5 and 4%. We suggest washing temperatures above 45°C. The exact mode depends strictly on the kind of application, the present contamination and the degree of limestone present. Rinse carefully with drinking water.

→ FIELDS OF APPLICATION

For the washing and descaling of closed circuits, CIP plants, tanks and pipes. For the washing of molds and equipments in static systems. Double bottom for ricotta cheese. Trolleys and tables.





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→ COMPATIBILITY OF THE FORMULATION

Celopol is compatible with most material normally present in food industries, if used according to the producer's indications. Do not use on aluminium, copper, galvanized iron and phenolic resins. Do not leave for a long time static solutions in contact with surfaces. 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: 50 mL of washing solution

Indicator: phenolphthalein

Titration agent: sodium hydroxide (NaOH) 1N

% (v/v) **Celopol** = mL titrating agent x 0,162

% (w/w) **Celopol** = mL titrating agent x 0,202

→ PACKAGING

25 kg net bucket.

*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.

