



CELON NT

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 Descaling acid detergent based on phosphoric acid

→ DESCRIPTION

Celon NT is a formulation based on phosphoric acid with a low foamingness, enabling to obtain a descaling solution able to remove inorganic residues from surfaces, and a detergent action towards protein dirt.

Celon NT can be used for a wide range of applications in food industries, beverage bottling industries and in the dairy field.

Celon NT can be used with dosage and control automatic systems, granting a correct dosage of the formulation.

→ TECHNICAL CHARACTERISTICS

Physical appearance: Green clear liquid
 pH: < 2
 pH (5% solution): < 2
 Relative density at 20°C: 1,3 ± 0,05
 Conductivity 1% sol. at 25°C: 5 mS/cm.

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 **Celon NT** at variable concentrations between 0,5 and 5% according to the kind of application, contamination degree and quantity of present limescale. The formulation can be used at a temperature between 20 and 70°C. Carry out an accurate final rinsing.

→ FIELDS OF APPLICATION

For the acid cleaning and descaling of closed circuits, CIP plants, tanks and pipes. For the cleaning of milk recovery tanks and milking plants. **Celon NT** can be used for the washing of steel and plastic moulds in static immersion and tunnel systems.





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→ COMPATIBILITY OF THE FORMULATION

Celon NT is compatible with most material normally present in food industries, if used according to the producer's indications. Pay a particular attention towards aluminium, copper, zinc-plated iron. Do not leave the 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: 50 mL of washing solution

Indicator: phenolphthalein

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

% (v/v) **Celon NT** = mL titration agent x 0,181

% (w/w) **Celon NT** = mL titration agent x 0,247

→ PACKAGING

12 kg net drums.

25 kg net drums.

1200 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.

