



# CELON

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Descaling detergent

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## → DESCRIPTION

**Celon** is a formulation based on phosphoric acid with a low foaminess, enabling to obtain a descaling solution able to remove inorganic residues from surfaces, a detergent action towards protein dirt and a general biocide action carried out thanks to the presence of cationic compounds.

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

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

## → TECHNICAL CHARACTERISTICS

Physical appearance: green clear liquid

pH (1% solution):  $2,0 \pm 0,5$

Relative density at 20°C:  $1,30 \pm 0,05$

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** 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 with drinking-water in order to remove any possible solution residual.

## → 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** 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** 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** = mL titration agent x 0,174

% (w/w) **Celon** = mL titration agent x 0,255

### → PACKAGING

25 kg net drums.

290 kg net drums.

1350 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.

