



CELON NR

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Descaling detergent formulated for the utilization in organic industries

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→ DESCRIPTION

As defined by the Council Regulation (EC) No 834/2007 of 28 June 2007 on organic production "Organic production is an overall system of farm management and food production that combines best environmental practices (....) The organic production method thus plays a dual societal role, where it on the one hand provides for a specific market responding to a consumer demand for organic products, and on the other hand delivers public goods contributing to the protection of the environment(...)"»

In this perspective, AEB has formulated a new line of detergents designed to reduce environmental impact of cleansing operations in organic companies.

The detergents of the NR line are optimized and targeted with a view to reducing the pollutant load of the spent solution and packed in 70% recycled "second life" plastic cans.

Celon NR is an acid formulation with a descaling action able to remove inorganic residues from surfaces. **Celon NR** can be used for a wide range of applications in food industries, beverage bottling industries and in the dairy sector.

Celon NR doesn't contain surfactants or sequestering agents and it can be used with dosage and control automatic systems, granting a correct dosage of the formulation.

→ TECHNICAL CHARACTERISTICS

Physical appearance: colourless clear liquid

pH 5%: < 2

pH as it is: < 2

Relative density at 20°C: $1,2 \pm 0,05$

Conductivity 1% sol. at 25°C: 6,59 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 NR** 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.





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→ FIELDS OF APPLICATION

Descaling of closed circuits, CIP plants, tanks and pipes. Removal of mixed residues from moulds and equipment.

→ COMPATIBILITY OF THE FORMULATION

Celon NR is compatible with most material normally present in food industries, if used according to the producer's indications. Don't use it on aluminium, copper, zinc-plated iron and on surfaces treated with phenolic resins. 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

% (w/w) **CELON NR** = mL titration agent x 0,29

→ PACKAGING

23 kg net drums.

*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.

