



NOKALK Plus

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 Acid descaling detergent for closed circuits

→ DESCRIPTION

Nokalk Plus is a formulation based on nitric and phosphoric acid, allowing obtaining a solution with a high descaling power, able to remove the inorganic residues from the surfaces. It also acts as a passivating agent for stainless steel surfaces.

Nokalk Plus can be used for a wide range of applications in the food industry, beverage bottling and in the dairy sector, being able among other things to remove milk and beer stones. Also indicated for the zoo-technical sector.

Nokalk Plus is low foaming and therefore suitable for CIP applications.

Nokalk Plus can be used with automatic dosing and control systems through the conductivity, ensuring the correct dosage of the formulation.

→ TECHNICAL CHARACTERISTICS

Physical appearance: transparent liquid with a slightly green colour

pH (5% solution): <2

Relative density at 20°C: 1,15 ± 1,25

Conductivity 1% sol. at 25°C: 22 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 **Nokalk Plus** at concentrations between 0,5% and 5% and at a temperature preferably between 20 and 70°C. The exact mode strictly depends on the type of application, contamination and the level of limestone present. Provide a thorough final rinsing with drinking water.

→ FIELDS OF APPLICATION

Descaling of closed circuits, CIP systems, tanks and pipes. Treatment of removal of mixed residues from molds and equipment. Evaporative towers. Weekly treatment of milking plants.





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→ COMPATIBILITY OF THE FORMULATION

Nokalk Plus 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: 50 mL of washing solution

Indicator: phenolphthalein

Titrating agent: sodium hydroxide solution (NaOH) 1N

% (v/v) **Nokalk Plus** = mL titrating agent x 0,227

% (w/w) **Nokalk Plus** = mL titrating agent x 0,303

→ PACKAGING

25 kg net drums.

1100 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.

