



ACID N28

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 Acid descaling detergent for CIP applications

→ DESCRIPTION

Acid N28 is an acid formulation, enabling to obtain a solution with a high descaling power, able to remove organic residues from surfaces. It also acts as a passivating agent of stainless steel surfaces and as a detergent of protein organic dirt.

Acid N28 can be used for a wide range of applications in food industries, beverage bottling industries and in the dairy field, as it is also able to remove milk and beer stone.

Acid N28 is low foaming, therefore it can be used for CIP applications.

Acid N28 can be used by means of dosage and control automatic systems ensuring a correct dosage of the formulation.

→ TECHNICAL CHARACTERISTICS

Physical appearance: clear green liquid

pH (100%): $0,5 \pm 0,5$

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

Relative density at 20°C: $1,25 \pm 0,05$

Conductivity 1% sol. at 25°C: 8,5 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 **Acid N28** at concentrations between 1 and 5%, with a temperature range possibly between 20 and 70°C. The exact modality of application strictly depends on the kind of application, contamination and the quantity of limestone present. Carry out a careful final rinsing with drinking water.

→ FIELDS OF APPLICATION

Descaling of closed circuits, recovery and one-way CIP plants, tanks and pipes. Removal treatment of mixed residues from moulds and equipment. Tunnel and static washing.





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→ COMPATIBILITY OF THE FORMULATION

Acid N28 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

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

% (v/v) **Acid N28** = mL titration agent x 0,45

% (w/w) **Acid N28** = mL titration agent x 0,56

→ PACKAGING

25 kg net drums.

220 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.

