



ALCA 40 Plus

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 Caustic detergent with sequestering action

→ DESCRIPTION

Alca 40 Plus is a liquid alkaline formulation with high causticity, suitable for the cleaning of closed lines in all sectors of the alimentary industry and beverage bottling.

Alca 40 Plus is able to easily remove all residues of fat, proteins and oil from the treated surfaces. The presence of controllers of the water hardness enables to work even with waters with an average hardness. In order to optimize the results of washing cycles, we suggest the following descaling acid phase, with a periodicity to be estimated.

→ TECHNICAL CHARACTERISTICS

Physical appearance: light brown liquid
 pH: > 12
 pH (1% solution): > 12
 Relative density at 20°C: 1,50 ± 0,05
 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*

After a first rinsing with water, apply a solution of **Alca 40 Plus** at concentrations from 0,5 to 5%. We suggest temperatures above 50°C. Final rinsing with drinking water till any possible residue of detergent is completely eliminated.

→ FIELDS OF APPLICATION

For the alkaline washing of closed circuits, tanks and pipes, CIP plants, heat exchangers (pasteurizers, skimmers, evaporators).
 For the alkaline washing in washing tunnels and/or by immersion for moulds, trays and different containers.





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→ COMPATIBILITY OF THE FORMULATION

Alca 40 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 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 the formulation far from extreme temperatures. Sensitive to low temperatures. Frost sensitive: keep at temperatures above 7°C. Consult the Material Safety Data Sheet.

→ TITRATION METHOD

Sample: 50 mL of washing solution

Indicator: phenolphthalein

Titration agent: hydrochloric acid (HCl) 1N

% (v/v) **Alca 40 Plus** = mL titration agent x 0,12

% (w/w) **Alca 40 Plus** = mL titration agent x 0,18

→ PACKAGING

25 kg net drums.

1450 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.

