



# ALCA 40

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 Alkaline detergent with high causticity  
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## → DESCRIPTION

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

**Alca 40** is able to easily remove all residues of fat, proteins and oil from the treated surfaces. 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: colourless clear liquid  
 pH (1% solution):  $13,5 \pm 0,5$   
 Relative density at 20°C:  $1,50 \pm 0,05$   
 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** at concentrations from 0,5 to 3,0%. 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.

Reference: ALCA\_40\_TDS\_EN\_0210217\_Italy





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## → COMPATIBILITY OF THE FORMULATION

**Alca 40** 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

Titrating agent: hydrochloric acid (HCl) 1N

% (v/v) **Alca 40** = mL titrating agent x 0,133

% (w/w) **Alca 40** = mL titrating agent x 0,202

## → 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.

