



# ALCA 30 Plus

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 Alkaline detergent with sequestering action  
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## → DESCRIPTION

**Alca 30 Plus** is a liquid alkaline formulation, suitable for the cleaning of closed lines in all sectors of the alimentary industry and beverage bottling.

**Alca 30 Plus** is able to easily remove all residues of animal and vegetable fat, proteins, oil and organic substances in general 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 a following descaling acid phase, with a periodicity to be estimated.

## → TECHNICAL CHARACTERISTICS

Physical appearance: light brown cloudy liquid  
 pH (1% solution):  $12,5 \pm 0,5$   
 Relative density at 20°C:  $1,25 \pm 0,05$   
 Conductivity 1% sol. at 25°C : 14 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 30 Plus** at variable 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.





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### → COMPATIBILITY OF THE FORMULATION

**Alca 30 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. 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 30 Plus** = mL titrating agent x 0,191

% (w/w) **Alca 30 Plus** = mL titrating agent x 0,268

### → PACKAGING

250 kg net drums.

25 kg net drums.

1300 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.

