



# NERLIK Liquid

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 Liquid alkaline detergent with high causticity  
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## → DESCRIPTION

**Nerlik Liquid** is an alkaline formulation with high causticity and high wetting and sequestering ability, suitable for the cleaning of strong dirt in all sectors of the alimentary industry and beverage bottling.

**Nerlik Liquid** is able to easily remove strong organic residues and can be used for the washing of bottles and kegs in the sector of beverages in general. The presence of controllers of the water hardness enables to work also with average hard waters.

## → TECHNICAL CHARACTERISTICS

Physical appearance: beige liquid  
 pH (1% solution):  $12,5 \pm 0,5$   
 Density at 20°C:  $1,50 \pm 0,05$   
 Conductivity 1% sol. at 25°C: 18 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 an initial rinsing with water, apply a **Nerlik Liquid** solution at variable concentrations between 0,8 and 3%. 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 washing of bottles and kegs.





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## → COMPATIBILITY OF THE FORMULATION

**Nerlik Liquid** 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. 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) **Nerlik Liquid** = mL titrating agent x 0,13  
% (w/w) **Nerlik Liquid** = mL titrating agent x 0,194

## → PACKAGING

15 kg net drums.  
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.

