



# NERLIK

.....

Powder alkaline detergent with high causticity

.....

## → DESCRIPTION

**Nerlik** is a powder 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** is able to easily remove strong tartrate residues in the oenological industry 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.

**Nerlik** can also be applied in sectors where the presence of strong contaminations requires a particular washing ability, such as for the treatment of industrial fryers and kettles and in the dairy industry.

## → TECHNICAL CHARACTERISTICS

Physical appearance: white powder with yellow granules

pH (1% solution):  $12,5 \pm 0,5$

Specific weight without settling:  $1,45 \pm 0,05$

Solubility in water: max. 15%

Conductivity 1% sol. at 25°C: 24 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** 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 alkaline washing of vats and wine tanks. For the washing of bottles and kegs.





## NERLIK

## → COMPATIBILITY OF THE FORMULATION

**Nerlik** 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. Consult the Material Safety Data Sheet.

## → TITRATION METHOD

Sample: 50 mL of washing solution

Indicator: phenolphthalein

Titration agent: hydrochloric acid (HCl) 1N

% (v/v) **Nerlik** = mL titration agent x 0,155

% (w/w) **Nerlik** = mL titration agent x 0,0127

## → PACKAGING

25 kg net bags.

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.

