REMOVIL Liquid K

Alkaline detergent with high causticity

DESCRIPTION

Removil Liquid K is a liquid alkaline formulation with high causticity, based on sodium hydroxide, suitable for the cleaning of closed lines in all sectors of the alimentary industry and beverage bottling.
Removil Liquid K is able to easily remove all residues of animal and vegetable fat, proteins, oil and organic contaminations in general from the treated surfaces.
Removil Liquid K contains components with a wetting action, which facilitate the washing action of the alkaline part and enable to wash with working concentrations lower than with the utilization of sodium hydroxide alone. The controllers of the water hardness (sequestering) enable to eliminate the negative effects of waters with average hardness. In order to optimize the results of washing cycles, in some sectors we suggest a subsequent descaling acid phase, with a periodicity to be estimated.

TECHNICAL CHARACTERISTICS

Physical appearance: amber cloudy liquid
pH (5% solution): > 12
Relative density at 20°C: 1,40 ± 0,05
Conductivity 1% sol. at 25°C: 21 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*

Use **Removil Liquid K** at concentrations from 1 to 5%, according to the kind and degree of the contamination. 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. For the washing of fillers, vats and tanks for wine.

Reference: REMOVIL_Liquid_K_TDS_EN_3040825_USA

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⇢ COMPATIBILITY OF THE FORMULATION

Removil Liquid K 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) **Removil Liquid K** = mL titrating agent x 0,179
% (w/w) **Removil Liquid K** = mL titrating agent x 0,250

⇢ PACKAGING

25 kg net drums.
300 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.

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