

ALKA TAKEOFF L

Rev. 1 – 07.2024

ALKALINE DETERGENT WITH SEQUESTERING ACTION



DESCRIPTION

Alkaline detergent particularly suitable for cleaning in the entire food industry and in beverage bottling.

Contains special sequestrants that allow its use with water even medium hard.

It is specifically indicated for the removal of organic residues from surfaces such as fat, both animal and vegetable, proteins and oils.



TECHNOLOGICAL APPLICATIONS

ALKA TAKEOFF L is in liquid form, highly concentrated, and can be dosed with automatic equipment (CIP systems with recovery and single-use), heat exchangers, closed circuits, tanks, and pipelines. It can also be used for alkaline cleaning of molds, trays, and containers.

ALKA TAKEOFF is compatible with most materials commonly used in the food industry, but it is not recommended for use on aluminum, copper, galvanized iron, and surfaces treated with phenolic resins.

TECHNICAL CHARACTERISTICS

Physical appearance: light brown cloudy liquid

pH: > 12

pH (1% solution): >12

Relative density at 20°C: 1.35 0.05

Conductivity sol. 1% at 25°C: 14 mS/cm

*chemical-physical data that do not constitute a specification

TITRATION METHODOLOGY

Sample: 50 mL of washing solution

Indicator: phenolphthalein

Titrant: Hydrochloric acid (HCl) 1N
% (v/v) Alka Takeoff L = mL titrant x 0.191

% (w/w) Alka Takeoff L = mL titrant x 0.268



DOSES AND METHOD OF USE

Recommended use in concentrations ranging from 0.5% to 3% after an initial rinse with water. Temperatures above 50°C are recommended. After treatment, it is necessary to rinse again with potable water to completely eliminate any possible detergent residues.



PACKAGING STORAGE

25 Kg drums

Store in a cool, dry place away from extreme temperatures. Avoid low temperatures.