

ALKA TAKEOFF P

Rev. 1 – 07.2024

HIGHLY CAUSTIC ALKALINE DETERGENT IN POWDER FORM



DESCRIPTION

ALKA TAKEOFF P is a highly caustic alkaline detergent, particularly suitable for cleaning in the entire food industry where greater cleaning power is required for tough dirt (such as in industrial fryers, machines, and equipment in the dairy sector).

ALKA TAKEOFF P is especially recommended for removing tartar residues in the wine industry, making it suitable for cleaning bottling lines.



TECHNOLOGICAL APPLICATIONS

ALKA TAKEOFF P comes in powder form and is suitable for alkaline cleaning of automatic equipment (CIP systems), tanks, pipelines, as well as heat exchangers and containers (vats and tanks) in the wine industry. It is widely used for cleaning bottles and barrels in the brewing industry.

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

TECHNICAL SPECIFICATIONS

Physical appearance: Powder with flakes ranging from white to yellow
 pH (1% solution): 13.0 ± 0.5
 pH (5% solution): 12.5 – 13.5
 Specific weight (dry substance): 0.55 ± 0.05
 Conductivity 1% sol. at 25°C: 54.4 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
 $\% (w/w) \text{ Alka Takeoff P} = \text{mL titrant} \times 0.09$



DOSES AND METHOD OF USE

It is recommended to use concentrations ranging from 1% to 8% at temperatures above 50°C.

After treatment, it is necessary to rinse 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.