

ALKASAN

Rev. 1 – 07.2024

ALKALINE CHLORINATED DETERGENT



DESCRIPTION

ALKASAN is a chlorine-based sanitizing detergent effective in both hot and cold conditions. ALKASAN quickly removes and disperses organic deposits and, due to its high chlorine content, allows for effective deodorization and bleaching.

It is non-foaming and its formulation prevents the precipitation of water salts, ensuring bright surfaces after cleaning.



TECHNOLOGICAL APPLICATIONS

ALKASAN can be used with water of any hardness and is effective for cleaning and bleaching tanks made of steel, concrete, fiberglass, and epoxy resin coatings.

It can also be used for sanitizing glass bottles (in continuous dosage in the penultimate rinse) and for cleaning all surfaces (including those covered with mold), as well as for bleaching and deodorizing pipes, filters, dispensers, fillers, and pasteurizers.

TECHNICAL SPECIFICATIONS

Physical Appearance: Clear yellow liquid

pH: >12

pH (in 5% solution): 1.20 ± 0.05

Density at 20°C: 1.12 - 1.13

Active Chlorine: 700 ppm in 1% solution

*Chemical-physical data are for information purposes only

TITRATION METHODOLOGY

Sample: 50 mL of the cleaning solution

Indicator: Phenolphthalein + a few drops of thiosulfate

Titrant: Hydrochloric Acid (HCl) 1 N
% (v/v) Alkasan = mL titrant x 0.87

% (w/w) Alkasan = mL titrant x 1.176



DOSES AND METHOD OF USE

Use at concentrations ranging from 0.5% to 5% with contact times varying based on the desired effect for removing organic residues and for sanitizing. ALKASAN is not corrosive and is compatible with surfaces such as stainless steel (ensure not to exceed contact times), rubber, plastic, and epoxy resins. Avoid using on aluminum and surfaces treated with phenolic resins and nitro paints. Use with caution on galvanized surfaces.



PACKAGING STORAGE

Available in 25 Kg drums. Store in original containers and away from extreme temperatures.