



SPINDOSAN

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Alkaline chlorine-active detergent
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→ DESCRIPTION

Spindosan is a liquid, alkaline, chlorine-active formulation for the automatic or manual cleaning and sanitation of plants and equipments in food and dairy industries.

Spindosan is able to easily remove organic residues of fat, protein and grease from the closed circuits. The presence of a high percentage of chlorine also ensures the achievement of an excellent sanitizing action and a bleaching and deodorizing effect.

Spindosan is also particularly suited for washings carried out with waters with an average hardness (good sequestering action) even with recycle (CIP), as it is non foaming.

→ TECHNICAL CHARACTERISTICS

Physical appearance: clear yellow liquid

pH: > 12

pH (Sol. 4%): > 12

Relative density at 20°C: 1,19 ± 0,05

Active chlorine: 880 ppm in a 1% solution

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 a first rinsing with water, apply a solution of **Spindosan** at variable concentrations between 0,5 and 4%. It is recommended not to use at temperatures above 50°C. Carry out a final rinsing with drinking-water in order to remove any possible trace of detergent.

→ FIELDS OF APPLICATION

For the alkaline cleaning and sanitation of closed plants, tanks and milk refrigeration tanks. Washing treatments for open and/or closed polyvalent and of moulds and dipping equipment. Aspersion of surfaces and equipments. Treatment of lines and fillers in the bottling field.





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→ COMPATIBILITY OF THE FORMULATION

Spindosan is compatible with most material normally present in food industries, if used according to the producer's indications. Do not use on aluminium, copper and 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. Do not leave in contact for a long time (rinse within 1 hour).

→ PRECAUTIONS FOR HANDLING AND STORAGE

Store in the original containers and avoid extreme temperatures. Consult the Material Safety Data Sheet.

→ TITRATION METHOD

Sample: 50 mL of washing solution

Indicator: phenolphthalein + a spatula tip of sodium thiosulfate

Titrating agent: hydrochloric acid (HCl) 1N

% (v/v) **Spindosan** = mL titrating agent x 1,68

% (w/w) **Spindosan** = mL titrating agent x 2,00

→ PACKAGING

20 kg net drums.

1100 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.

