



X5S

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 Alkaline detergent with sequestering action for monophasic cleaning

→ DESCRIPTION

X5S is a liquid alkaline formulation, suitable to be used with hard waters, for the recovery cleaning of closed lines subject to heat exchange in the food and dairy industry.

X5S is able to easily remove organic and inorganic residues from surfaces, while the presence of controllers of the water hardness enables to work also with waters with a high content of salts. The formulation enables to postpone over time the acid descaling stage. The absence of surfactants enables to reduce the polluting charge which goes to the drains.

X5S is particularly suitable for the single phase washings where a conductimetric automatic control is necessary.

→ TECHNICAL CHARACTERISTICS

Physical appearance: Light yellow cloudy liquid

pH: > 12

pH (3% solution): > 12

Relative density at 20°C: 1,30 ± 0,05

Conductivity 1% sol. at 25°C: 9,6 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*

After a first rinsing with water, apply a solution of **X5S** at variable concentrations between 1 and 3%, or anyway depending on the operating water hardness. It is recommended 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 of closed circuits, tanks and pipes, CIP recovery plants. For the washing in washing tunnels and/or immersion of moulds, trays and various containers. For the treatment of pasteurizers, skimmers, trolleys and grids.

Reference: X5S_TDS_EN_3281122_South_Africa





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→ COMPATIBILITY OF THE FORMULATION

X5S 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.

→ PRECAUTIONS FOR HANDLING AND STORAGE

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

→ TITRATION METHOD

Sample: 50 mL of washing solution

Indicator: phenolphthalein

Titrating agent: hydrochloric acid (HCl) 1N

% (v/v) **X5S** = mL titrating agent x 0,296

% (w/w) **X5S** = mL titrating agent x 0,4

→ PACKAGING

25 kg net drums.

*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.

