



# X5S/S

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 Alkaline detergent with a high sequestering and anti-bonding action for single phase washing  
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**→ DESCRIPTION**

**X5S/S** 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/S** 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/S** is particularly suitable for the single phase washings where a particular anti-bonding action is necessary, such as in the case of the washing of butter churns, where it will be possible to carry out hot treatments and treatments in combination with additives with a biocide action.

**→ TECHNICAL CHARACTERISTICS**

- Physical appearance: colourless clear 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/S** 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. For the washing of open and closed multi-purpose plants. For





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the hot treatment of butter churns.

### → COMPATIBILITY OF THE FORMULATION

**X5S/S** 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.

### → PRECAUTIONS FOR HANDLING AND STORAGE

Store in the original containers and avoid extreme temperatures. Frost sensitive-keep at temperatures above 7°C. Consult the Material Safety Data Sheet.

### → TITRATION METHOD

Sample: 50 mL of washing solution

Indicator: phenolphthalein

Titration agent: hydrochloric acid (HCl) 1N

% (v/v) **X5S/S** = mL titrating agent x 0,317

% (w/w) **X5S/S** = mL titrating agent x 0,425

### → PACKAGING

25 kg net drums.

1200 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.

