



# IDROSAN

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Alkaline chlorinated detergent

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## → DESCRIPTION

**Idrosan** is a liquid, alkaline, chlorinated formulation for the automatic or manual cleaning and hygienization of plants and equipments in the dairy sector and food industries in general.

**Idrosan** is able to easily remove fat residues, proteins and grease from closed circuits. The presence of chlorine also grants the obtainment of an excellent hygienizing action.

**Idrosan** is also particularly suited for washings carried out with waters with an average hardness (good sequestering action).

## → TECHNICAL CHARACTERISTICS

- Physical appearance: clear yellow liquid
- pH (100%): > 12
- pH (5% solution): > 12
- Relative density at 20°C: 1,20 ± 0,05
- Active chlorine: 700 ppm in a 1% solution
- Conductivity 1% sol. at 25°C: 5,8 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 **Idrosan** at variable concentrations between 0,5 and 5%. It is recommended not to use at temperatures above 40°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 hygienization of closed circuits, tanks, milk refrigeration tanks. Washing treatment for open and/or closed multipurpose equipments and for immersion moulds and equipments. Aspersion of surfaces and equipments.

Reference: IDROSAN\_TDS\_EN\_2100521\_USA





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## → COMPATIBILITY OF THE FORMULATION

**Idrosan** 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. Consult the Material Safety Data Sheet.

## → TITRATION METHOD

Sample: 50 mL of washing solution

Indicator: phenolphthalein + a spatula tip of sodium thiosulfate

Titration agent: hydrochloric acid (HCl) 1N

% (v/v) **Idrosan** = mL titration agent x 0,93

% (w/w) **Idrosan** = mL titration agent x 1,11

## → PACKAGING

10 kg net drums.

25 kg net drums.

250 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.

