

# TECHNICAL DATA SHEET

## FOSFODET NA

Hard water single stage detergent

### Description:

Alkaline liquid detergent, specifically designed for single-stage washing. It can also be used with hard water and, thanks to its anti-foam action, it is especially suitable for automatic washing systems and all CIP processes.

**FOSFODET NA** is used in the dairy processing industry for the single-stage washing of tanks, pipes, centrifuges, cream maturators, pasteurisers, fillers.

**FOSFODET NA** can be used in washing tunnels also for the single-stage treatment of crates, baskets, etc.

### Physical and chemical properties:

<b>Physical appearance:</b>	Turbid liquid
<b>Colour:</b>	Yellow
<b>Odour:</b>	Typical
<b>Density at 20 °C:</b>	1.28 g/ml
<b>pH (1% sol. in H<sub>2</sub>O):</b>	12 ca.
<b>Foam formation:</b>	Absent

### Effect on materials:

Under normal conditions of use, **FOSFODET NA** solutions have no corrosion activity except for light alloys.

### Directions:

Before using the **FOSFODET NA** solution, thoroughly rinse systems or circuits to remove any coarse residues.

#### a) Single-washing of pasteurisers and hot surfaces:

- Pre-rinsing.
- **FOSFODET NA** 1-4% solutions depending on water hardness.
- Temperature: 70°- 90°C (or at least 5° higher than pasteurisation temperature).
- Contact time: 20-40 minutes.
- Rinsing.

#### b) Single-stage washing of cleaners, skimmers, tanks, pipes and cold surfaces:

- Pre-rinsing.
- **FOSFODET NA** 1-3% solutions depending on the dirt present.
- Temperature: 55°- 65°C.
- Contact time: 20-30 minutes in circuits.
- Rinsing.

#### c) Washing of tunnels, moulds, baskets, etc. :

- **FOSFODET NA** 0.5-2% solution.
- Temperature: 60°- 80°C.
- Contact time: depending on machine speed.
- Rinsing.

**Parameters are to be considered indicative:** temperature, concentration and washing time depend on the type and degree of dirt.

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## TITRATION

Sample dose 100ml

Indicator: Phenolphthalein

Reactor: HCL 1N

**Concentration %** = ml HCl x 0.2

## Storage information:

Avoid improper use of the product. Store in original sealed packages or, where applicable, in special places or storage tanks away from extreme temperatures (between 5°C and 40°C).

Refer to the Safety Data Sheet for information on handling and disposal of solutions.  
IRCA SERVICE is not liable whatsoever for any improper use of the product.

