



# DAIRY MPV

Alkaline detergent with sequestering action for monophasic cleaning

## → DESCRIPTION

**Dairy MPV** is an alkaline liquid formulation, suitable for waters with a medium-high hardness, for the cleaning in re-use CIP of equipments subject to thermal exchange in the field of food and dairy industries.

**Dairy MPV** is able to easily remove organic and inorganic residues from surfaces, while the presence of controllers of the water hardness allows to work even with waters with a medium-high salt content. The formulation permits to delay in time the acid descaling stage. The presence of an anti-foaming agent enables its utilization even in systems with turbulence.

**Dairy MPV** is particularly suited for all those one-phase washings where a conductivity automatic control is necessary.

## → TECHNICAL CHARACTERISTICS

Physical appearance: light yellow cloudy liquid

pH (5% solution): > 12

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Relative density at 20°C: 1,30 ± 0,05

Conductivity 1% sol. at 25°C: 10,9 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 **Dairy MPV** at a variable concentration of 1-5%. The concentration will anyway depend on the hardness of the process water. We suggest temperatures above 45°C. Final rinsing with drinkable water till the complete removal of any possible residue of detergent.

## → FIELDS OF APPLICATION

Alkaline cleaning of closed circuits, tanks and pipes, CIP plants with recovery. Cleaning in washing tunnels and/or immersion for moulds, trays and various containers. Treatment of pasteurizers, cream separators, trolleys and grills.





## DAIRY MPV

### → COMPATIBILITY OF THE FORMULATION

**Dairy MPV** is compatible with most material normally present in food industries, if used according to the producer's indications. Do not use on aluminium, copper, 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. Consult the Material Safety Data Sheet.

### → TITRATION METHOD

Sample: 50 mL of washing solution

Indicator: phenolphthalein

Titration agent: hydrochloric acid (HCl) 1N

% (v/v) **Dairy MPV** = mL titration agent x 0,341

% (w/w) **Dairy MPV** = mL titration agent x 0,426

### → PACKAGING

25 kg net drums.

250 kg net drums.

1300 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.

