

## Lactopan ECO

Acidic crate cleaner / circulation cleaner



### Properties

- removes mineral deposits
- good dirt and stone dissolving properties
- low-foaming

### Application

Lactopan ECO is a pH-acidic cleaning agent for the gentle and thorough removal of water hardness deposits in closed systems and circulation systems. Lactopan ECO is particularly suitable for cleaning containers, tanks, pipes and drums made of plastic and stainless steel (1.4301, 1.4401 and 1.4571). Lactopan ECO is also suitable for manual cleaning, immersion bath or CIP cleaning processes.

After cleaning with Lactopan ECO, rinse with water of drinking water quality.

### Dosing

#### Crate washing / continuous flow systems

|               |                                                                      |
|---------------|----------------------------------------------------------------------|
| Concentration | 0,3 - 0,7 %                                                          |
| Temperature   | 50 - 60 °C                                                           |
| Exposure time | gemäß Maschinentakt                                                  |
| Addition      | After cleaning with Lactopan ECO, rinse with drinking water quality. |

#### Pipelines, mixing containers, tanks

|               |                                                                      |
|---------------|----------------------------------------------------------------------|
| Concentration | 0,5 - 2,0 %                                                          |
| Temperature   | max. 80 °C                                                           |
| Exposure time | 30 - 40 min.                                                         |
| Addition      | After cleaning with Lactopan ECO, rinse with drinking water quality. |

### Technical data

| Density (20°C) | pH-value        | Conductance (1%; 20°C) |
|----------------|-----------------|------------------------|
| 1,25 kg / l    | 1,0 - 2,0 ; 1 % | 11,5 mS/cm             |

### Titration

Prepare 10 ml application solution and titrate with 0.1 N sodium hydroxide solution against the indicator phenolphthalein.

Consumption (ml) x 0.13 = concentration in %

## Notes

### Storage:

Store the product only in the original container and in a frost-free place between +5 and +40°C. Avoid direct sunlight. After removing partial quantities, please reseal the container tightly.

This product is halal certified.

The certification was carried out with reference to the standards "BPJPH Decree No. 20 2023" and "OIC/SMIIC 50-1:2022" in product category K for the production, filling, storage and distribution of cleaning agents and disinfectants.

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