Status: 11/5/2026

Debosan OSM

Acidic crate cleaner / circulation cleaner

Properties

- fat and protein dissolving
- removes mineral deposits
- low-foaming
- aluminium compatible at the application concentration

Application

Debosan OSM is a strongly acidic wetting agent-containing liquid product based on organic acid with a pronounced cleaning effect against mineral soiling. Thanks to a special combination of active ingredients, it is suitable for circulation and CIP processes. In addition to good cleaning power against mineral soiling, it also has good dissolving properties against soiling from grease and protein. Debosan OSM has been developed for cleaning tasks in the food and luxury food industry and is very suitable for cleaning tanks, containers, pipelines, drums, collection trolleys and plate heaters. The materials used in these areas, such as stainless steel and aluminum, are not attacked by Debosan OSM application solutions.

Dosing

Crate washers / continuous flow systems	
Concentration	0,3 - 0,7 %
Temperature	50 - 60 °C
Exposure time	gemäß Maschinentakt
Addition	After cleaning with Debosan OSM, rinse with drinking water quality.

Pipelines, mixing containers, tanks	
Concentration	0,5 - 1,0 %
Temperature	50 - 80 °C
Exposure time	5 - 15 min.
Addition	After cleaning with Debosan OSM, rinse with drinking water quality.

Technical data

Density (20°C)	pH-value	Conductance (1%; 20°C)
1,16 kg / l	1,2 - 2,2 ; 1 %	8,05 mS/cm

Titration

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

Consumption (ml) x 0.22 = concentration in %

BÜFA Cleaning GmbH & Co. KG · August-Hanken-Str. 30 · 26125 Oldenburg · GERMANY
Phone +49 441 9317-251 · cleaning@buefa.de · www.buefa-cleaning.com

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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.

For commercial use only. This leaflet is for non-binding information only. The information is based on our current knowledge and experience. In any case, the user is obliged to carry out his own tests and trials to check the suitability of the products for his intended processes and purposes. The information in this leaflet does not constitute a guarantee for the quality and durability of the goods to be supplied by us. We reserve the right to make technical changes within the scope of what is reasonable. The current version of the corresponding EU safety data sheet must also be observed.

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