Status: 11/14/2026

Spezial OSM

Acidic foam cleaner



Properties

- very good fat dissolving
- removes mineral deposits
- very good for use with high water hardness

Application

Spezial OSM is an acidic foam cleaner based on organic and mineral acids for use in the food and beverage industry and commercial kitchens. It is used to clean acid-resistant surfaces such as equipment, containers, tanks, aggregates and racks made of stainless steel or aluminum. Spezial OSM can also be used on doors, floors, ceilings and walls. As an acidic product, Spezial OSM has a pronounced dirt dissolving capacity against mineral soiling such as limescale, rust or other deposits from water hardness. Spezial OSM develops excellent run-off and rinsing properties, so that the surfaces appear in their original shine after rinsing and drying. Due to its phosphate and nitrate-free formulation, Spezial OSM is ideal for use in businesses where the regular introduction of phosphates is not possible. The use of Spezial OSM is a useful addition to an alkaline foam cleaner to prevent the continuous buildup of dirt on surfaces caused by water hardness. Using a suitable foaming system with an air outlet pressure of 4 to 6 bar, a stable, adherent foam is achieved.

Recommended Use:
1. Removal of coarse dirt
2. Pre-rinse with water
3. Lather the surface to be cleaned, then allow it to work for a certain time
4. Rinse with drinking water quality

If Spezial OSM is used as a supplement to alkaline cleaning, we recommend switching to Spezial OSM after every third or fourth cleaning.

Dosing

Foam cleaning	
Concentration	2,0 - 5,0 %
Temperature	20 - 50 °C
Exposure time	10 - 20 min.
Addition	After cleaning with Spezial OSM, rinse with drinking water quality.

Technical data

Density (20°C)	pH-value	Conductance (1%; 20°C)
1,10 kg / l	1,7 ; 1 %	6 mS/cm

Titration

Prepare 10 ml application solution, fill up with approx. 100 ml distilled water. Titrate with 0.1 N sodium hydroxide solution against the indicator phenolphthalein.

Consumption (ml) x 0.33 = concentration in %

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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. Please reseal the container tightly after removing partial quantities.

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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