Status: 11/7/2026

Orbin VR-S

Highly alkaline foam cleaner



Properties

- dissolves persistent grease, blood, starch, oil and protein stains
- applicable for high water hardness
- high alkaline content
- chlorine-free

Application

Orbin VR-S is a highly alkaline, chlorine-free foam cleaner with excellent cleaning power against heavy soiling. Due to the high content of water hardness-binding substances, Orbin VR-S can also be used with higher degrees of hardness. Orbin VR-S has been developed for cleaning in food processing companies such as the meat, fish and delicatessen industries. Blood, grease, oil, protein and soot are removed quickly and safely from all alkali-resistant surfaces. By using Orbin VR-S, no AOX is discharged into the industrial waste water. Orbin VR-S cannot be used on aluminum. Using a suitable foaming system, a stable, well-adhering foam is achieved with an air outlet pressure of 4 to 6 bar.

Application recommendation:
1. Coarse dirt removal
2. Pre-rinse with water
3. Lather the surface to be cleaned with the specified contact time.
4. Rinse with water of drinking water quality

Alternating with alkaline cleaning, we recommend the following: After every third or fourth cleaning, we recommend changing to an acidic foam cleaner.

Dosing

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

Technical data

Density (20°C)	pH-value	Conductance (1%; 20°C)
1,21 kg / l	12 - 13 ; 1 %	10,5 mS/cm

Titration

Prepare 10 ml application solution and titrate with 0.1 N hydrochloric acid 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. 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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