Status: 11/14/2026

Orbin Evolve

Ecological mildly alkaline foam cleaner



Properties

- based on 100 % renewable active ingredients
- distinct fat and protein dissolving power
- short exposure time
- gentle on materials

EU Ecolabel
www.ecolabel.eu
DE/020/468

Listings

EU-Ecolabel listed

Application

Orbin Evolve is a mildly alkaline foam cleaner for removing grease and protein from all alkali-compatible surfaces and aluminum. Based on a mixture of active ingredients made exclusively from natural, renewable raw materials, it achieves cleaning results that were previously only possible with strongly alkaline cleaners. Soiling is emulsified within a relatively short reaction time of up to 10 minutes and can then be easily rinsed off. Both the comparatively low volume of rinsing water and the relatively low pH value reduce the impact of the cleaning agent on the quantity and quality of waste water and therefore have a clearly positive ecological effect. Orbin Evolve preserves the original shine of cleaned surfaces and makes the use of acidic cleaners or stainless steel care oils unnecessary or reduces them to a minimum. Orbin Evolve has been developed for cleaning in the following industries in Food and beverage industry, e.g. for use on walls, processing machines, containers, equipment, tanks, floors and work surfaces. Orbin Evolve also removes grease and protein residues quickly and reliably in commercial kitchens. It can be used both as a foam cleaner and for manual cleaning and develops excellent cleaning power. Using a suitable foaming system, a stable, well-adhering foam is achieved with 4 to 6 bar air outlet pressure.

Procedure Foam cleaning:
1. Coarse dirt removal
2. Pre-rinsing with water
3. Lather the surface to be cleaned with the specified contact time
4. Rinse with water of drinking water quality

Manual cleaning procedure:
1. Apply cleaning solution to the surface with a sprayer, sponge or brush; if possible, massage in gently
2. After the exposure time, rinse with sufficient clear water of drinking water quality

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Dosing

Foam cleaning	
Concentration	2,0 - 3,0 %
Temperature	20 - 50 °C
Exposure time	5 - 10 min.
Addition	After cleaning with Orbin Evolve, rinse with drinking water.

Manual cleaning	
Concentration	0,5 - 2,0 %
Temperature	20 - 40 °C
Exposure time	5 - 10 min.
Addition	After cleaning with Orbin Evolve, rinse with drinking water.

Technical data

Density (20°C)	pH-value	Conductance (1%; 20°C)
1,05 kg / l	10,5 ; 1 %	0,6 mS/cm

Titration

Prepare 10 ml application solution and titrate with 0.1 N hydrochloric acid against the indicator phenolphthalein.

Consumption (ml) x 3.26 = 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 amounts, please reseal the container tightly.
Due to the natural ingredients used, a visible dark cloudiness may occur in the lower part of the container. This cloudiness does not affect the product's cleaning performance.

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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