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Spezial Z

Acidic foam cleaner and ice machine cleaner



Properties

- gentle cleaning
- can be used on all acid-resistant surfaces
- phosphate and nitrate-free

Application

Spezial Z is a pH-acidic foam cleaner based on organic acid for use in the food and beverage industry, which powerfully and reliably removes water hardness deposits from all acid-resistant surfaces. Spezial Z develops excellent drainage and rinsing properties, so that the surfaces appear in their original shine after rinsing and drying. Spezial Z is ideal for use in businesses where the regular introduction of phosphates is not possible. The use of Spezial Z is a useful addition to the use of an alkaline foam cleaner to prevent the continuous build-up of water-hardened soiling on surfaces. Using a suitable foaming system, a stable, well-adhering foam is achieved with an air outlet pressure of 4 to 6 bar. Special Z is particularly suitable for cleaning ice machines. For manual cleaning, Special Z is sprayed onto the cold surface or applied with a brush and worked in. After a contact time of approx. 10 minutes, rinse thoroughly with water.

Recommendations for use:
1. Remove coarse dirt
2. Pre-rinse with water
3. Lather the surface to be cleaned with subsequent contact time.
4. Rinse with water of drinking water quality

If Special Z is used as a supplement to alkaline cleaning, we recommend switching to Special Z after every third to fourth cleaning.

Dosing

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

Ice machine cleaner	
Concentration	1,0 - 3,0 %
Temperature	20 - 50 °C
Addition	Rinse thoroughly with clear water; plastic max. 40°C

Technical data

Density (20°C)	pH-value	Conductance (1%; 20°C)
1,20 kg / l	2,0 - 3,0 ; 1 %	1,5; 1 % mS/cm

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Titration

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

Consumption (ml) x 0.14 = 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. 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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