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Spezial SN

Strongly acidic foam cleaner



Properties

- removes peristent mineral deposits
- contains a mixture of strong mineral acids
- foam stabilized

Application

Spezial SN is an acidic foam cleaner based on a mineral acid mixture for use in the food and beverage industry. It has been developed for cleaning acid-resistant surfaces such as stainless steel appliances, containers, tanks, aggregates and racks. Spezial SN can also be used on doors, floors, ceilings and walls. Due to the content of strong mineral acids, Spezial SN also removes stubborn mineral soiling that cannot be removed with other acidic foam cleaners. The use of Spezial SN 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.

Application recommendation:
1. Coarse dirt removal
2. Pre-rinse with water
3. Lather the surface to be cleaned with subsequent contact time. Caution! Special SN must not be allowed to dry on stainless steel surfaces! If necessary, repeat the foaming process to prevent the surface from drying out.
4. rinse with water of drinking water quality

If Spezial SN is used as a supplement to alkaline cleaning, we recommend switching to Spezial SN after every third to fourth cleaning.We recommend a temperature range of 20 -60 °C when using Spezial SN.

Please note that protein denaturation occurs above 50 °C, which may result in additional cleaning work.

Dosing

Foam cleaning	
Concentration	2,0 - 5,0 %
Temperature	20 - 60 °C
Exposure time	10 - 20 min.
Addition	Protein denaturation is to be expected above 50 °C. After cleaning with Spezial SN, rinse with drinking water quality.

Technical data

Density (20°C)	pH-value	Conductance (1%; 20°C)
1,13 kg / l	1,5 - 2 ; 1 %	6; 1 % mS/cm

Titration

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

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Consumption (ml) x 0.23 = 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.