

## Spezial SN-P

### Strongly acidic foam cleaner



#### Properties

- removes persistent mineral deposits
- very suitable for use in companies with high water hardness
- contains a mixture of strong mineral acids

#### Application

Spezial SN-P is a pH-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 equipment, containers, tanks, aggregates and racks. Spezial SN-P can also be used on doors, floors, ceilings and walls. Due to the high proportion of a mixture of strong mineral acids, Spezial SN-P also dissolves stubborn mineral soiling that cannot be removed with other acidic foam cleaners. The use of Spezial SN-P is a useful addition to the use of an alkaline foam cleaner to prevent the continuous build-up of water hardness-related soiling on surfaces. In businesses with high water hardness, Spezial SN-P achieves shiny metallic stainless steel 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! Spezial SN-P must not 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

In the case of stubborn soiling, increase the concentration to up to 10 % and, if necessary, test the material compatibility in an inconspicuous area. If Spezial SN-P is used as a supplement to alkaline cleaning, we recommend changing to Spezial SN-P 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 SN-P, rinse with drinking water quality.

#### Technical data

Density (20°C)	pH-value	Conductance (1%; 20°C)
1,16 kg / l	1,0 - 2,0 ; 1 %	10; 1 % mS/cm

#### Titration

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

Consumption (ml) x 0.19 = 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.

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