

## 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.

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.