Status: 11/19/2026

Spezial 38 PES

Acidic, foam-active disinfectant product

Properties

- based on peracetic acid
- broad spectrum of action
- low odor during application

Listings

IHO listed

Application

Spezial 38 PES is a foam-active, fast-acting disinfectant product based on peracetic acid. It has a broad spectrum of activity against bacteria, yeasts, fungi and viruses, making it safe to use in many areas of the food processing industry. Its extraordinarily pronounced disinfectant effectiveness is reliable even at low temperatures. The foam formation when applying the disinfectant solution made from Spezial 38 PES results in comparatively long surface contact and therefore a sufficient contact time. After the disinfection measures have been completed, Spezial 38 PES can be rinsed off easily. Spezial 38 PES can be used on all acid-resistant materials in the food industry. Due to its active ingredient base and application properties, it is especially recommended for such disinfection tasks where a reliable disinfection result is required within a short contact time. The foaming activity of Spezial 38 PES makes it suitable for application via common foam development systems such as pressure vessels or foam injectors. It is an excellent alternative to products containing active chlorine, which can contaminate wastewater with organic halogen compounds (AOX).

Recommended concentration:
Spezial 38 PES is applied as a foam to previously cleaned and rinsed surfaces.

Spezial 38 PES is listed with the IHO.
Area of application Surface:
20°C / 1 min / 4.2% / low load / virucidal / EN14476
20°C / 1 min / 5.0% / low load / bactericidal & lyeasticidal / EN1276, EN1650, EN13697
20°C / 15 min / 1.0% / low load / bactericidal & yeasticidal / EN1276, EN1650, EN13697
20°C / 15 min / 8.0% / low load / fungicidal / EN1650, EN13697
20°C / 60 min / 1.0% / low load / sporicidal / EN13704

The proven bactericidal efficacy includes, among others against Salmonella (Salmonella spp.) & Listeria (Listeria spp.).

Dosing

Foam disinfection	
Concentration	1,0 - 5,0 %
Temperature	20 °C
Exposure time	1 - 60 min.
Addition	After cleaning with Spezial 38 PES, rinse with drinking water quality.

BÜFA Cleaning GmbH & Co. KG · August-Hanken-Str. 30 · 26125 Oldenburg · GERMANY
Phone +49 441 9317-251 · cleaning@buefa.de · www.buefa-cleaning.com

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Technical data

Density (20°C)	pH-value
1,05 kg / l	2,0 - 3,0 ; 1 %

Titration

Pipette a sample of 10 ml into an Erlenmeyer flask and make up to approx. 100 ml with distilled water. Acidify with approx. 20 ml dilute sulphuric acid (10%) and then titrate with potassium permanganate solution (0.02 mol/L) until a weak pink coloration occurs. The coloration must be stable for at least 30 s.

V (volume of potassium permanganate solution in ml) x 0.27 = %Special 38 S

Biocide

Use biocide products with care. Always read the label and product information before use.

Notified according to national legislation for biocides under No. N-105112.
100 g product contains 1.23 g peracetic acid
Maximum usability from manufacture: 18 months in the closed original container.

Notes

Storage:
Store the product only in the original container and in a frost-free place between +5 and +40°C. Avoid direct sunlight. Avoid direct sunlight and close the container tightly after removing partial quantities.

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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