Status: 11/19/2026

O 33 Aktiv 5

Liquid disinfectant concentrate

Properties

- based on peracetic acid
- non-foaming
- strong microbicidal effect
- broad spectrum of action

Listings

IHO listed

Application

O 33 Aktiv 5 is a highly effective disinfectant concentrate based on 5% stabilized peracetic acid, suitable for both cold and warm applications. Compared to products based on other active ingredients, it possesses a very broad spectrum of activity and a strong microbicidal effect. The use of O 33 Aktiv 5 ensures reliable disinfection without any gaps in effectiveness, even at low temperatures down to 5°C. The ready-to-use solution does not foam and is therefore ideally suited for CIP and other automated circulating disinfection processes. O 33 Aktiv 5 is compatible with stainless steel (alloyed to 1.4301 or higher). O 33 Aktiv 5 should not be used on unalloyed steel, non-ferrous metals, or oxidation-sensitive sealing materials. O 33 Aktiv 5 is a cold and warm effective disinfectant concentrate suitable for virtually all disinfection tasks in the food and beverage industry. It has also proven itself in agriculture for biocidal treatment of stables and equipment in animal husbandry. It can also be used very well in other sectors for foam-free disinfection. O 33 Active 5 is preferably used for circulation disinfection, but it can also be used safely in spray and immersion bath processes. O 33 Aktiv 5 can be combined with acidic cleaners.

O 33 Active 5 is suitable for disinfection in the food processing industry in concentrations of up to 2% without the need for rinsing, provided that at least the required contact time of 15 minutes is observed before the disinfected surface comes into contact with food again. This application has been confirmed by experts with regard to food safety. The corresponding expert opinion can be provided on request.

O 33 Aktiv 5 is listed with the IHO.
Area of application CIP:
20°C / 15 min / 0.15% / low load / bactericidal & yeasticidal / EN1276, EN1650
20°C / 15 min / 1.5% / low load / fungicidal / EN1650
20°C / 15 min / 0.1% / low load / bacteriophages / EN13610
20°C / 60 min / 0.2% / low load / sporicidal / EN13704
20°C / 15 min / 0.25% / high load / bactericidal & yeasticidal / EN1276, EN1650
20°C / 15 min / 1.7% / high load / fungicidal / EN1650

Application area surface:
20°C / 1 min / 1.0% / low load / Limited virucidal activity PLUS / EN14476
20°C / 5 min / 4.1% / low load / virucidal activity / EN14476
20°C / 15 min / 0.2% / low load / bactericidal activity & yeasticidal activity / EN1276, EN1650, EN13697
20°C / 15 min / 2.0% / low load / fungicidal activity / EN1650, EN13697
20°C / 60 min / 0.2% / low load / sporicidal activity / EN13704

The proven bactericidal activity also includes activity against salmonella (Salmonella spp.) and listeria (Listeria spp.).

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Technical data

Density (20°C)	pH-value
1,12 kg / l	2,78 ; 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 0.07 = %O33 Active 5

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-19860, N-16049.
100 g product contains 4.84 g peracetic acid
Maximum usability from manufacture: 12 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. After removing partial quantities, please reseal the container tightly.

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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