

B 25

Surface Disinfectant



Product Information

Area of Application

Aldehyde-free concentrate for simultaneously disinfecting and cleaning all washable surfaces and objects (floors, walls, fixtures, devices) in all fields in the food industry and all other fields where impeccable hygienic conditions are necessary

Advantages of the product

- For all washable surfaces and objects.
- Tested effectiveness and comprehensive effective spectrum against bacteria, inclusive of salmonellae and Tb bacteria, fungi and many viruses.
- DVG listed.
- Intensive cleaning power - contains selected cleaning substances.
- Excellent material compatibility – suitable for all surfaces made of plastic or high-grade steel as well as all customary floor coverings.
- Economical due to low application concentration.
- Increased safety because of remnant effect (long-term effect) if used regularly.

Microbiological activity

B 25 has the following characteristics of performance:

Application	Concentration	Time
Surface disinfection (in accordance with DVG)		
without organic load/with organic load at 20°C	1%	30 min.
without organic load/with organic load at 10°C	1% / 2%	30 min.
Bacteria and fungi ¹⁾ in accordance with VAH/DGHM		
with mechanical action, high organic load	1% / 2%	1 hour / 15 min.
Salmonella	1%	1 hour
Tb bacteria	1%	1 hour
HBV and HIV ²⁾ low/high load	1% / 2%	30 min.

¹⁾ Test with *Candida albicans*.

²⁾ Effectiveness against HBV implies effectiveness against HIV.

Application

The surface disinfectant requires an action period of 30 minutes and a 1% concentration in accordance with DVG or 30 minutes and a 2% concentration in areas with organic load at 10°C. In order to make 10 litres of a 1% ready-to-use solution for example, pour 100 ml of B 25 out of the stock bottle or the bottle using the measuring beaker/dosing head into a bucket and fill up to 10 litres with cold water. We recommend using appropriate wet wipe methods.

Do not mix B 25 with ordinary household detergents.

Notes

In the food industry, the disinfected surfaces must be thoroughly rinsed with water after the necessary contact time. Wipe disinfection and cleaning must be carried out daily in all units where protection against infections is necessary. The suitability of B 25 must be tested in each individual case if materials which are not waterproof are to be disinfected.

Chemical composition

The effectiveness of B 25 is based on alkylamines. 100 g of B 25 contains 7.5 g aminopropyl-dodecyl-1,3-propanediamine, < 5% non-ionic surfactants, < 5% complexing agents and adjuvants in aqueous solution.

Packing units

10-litre container
Carton of 6 1-litre bottles

Accessories

Container tap, 100 ml measuring beaker, dosing head for 1-litre bottle, dosing bottle.

Shelf life

Concentrate: 3 years
Ready-to-use solution: unused solution: 28 days; dispose of solution after use.

Please turn over

Storage • Physical properties • Toxicology • Ecology • Caution



Storage

Store the preparation in a cool place, but not below 5°C.

Physical properties

Concentrate:

Appearance: clear colourless liquid
Density: $D = 1.04 \pm 0.02 \text{ g/cm}^3$ (20°C)
pH: 10.0 ± 0.5

1% ready-to-use solution:

Appearance: colourless solution
pH: 9.5 ± 0.5

Toxicology

The acute oral and dermal toxicity (LD_{50}) in rats is comparable to the effect of other products which are used in the food industry. B 25 is corrosive when the concentrate gets into contact with the skin and the eyes. Contact of the 1% ready-to-use solution with the eyes or the skin entails irritations.

Ecology

The organic ingredients of B 25 are biodegradable when appropriately diluted in flush water. The packing is made of polyethylene and can therefore be exploited both materially and thermally. To recycle, rinse the containers or bottles with water.

Caution

B 25 concentrate is classified as "corrosive" in accordance with the Directives relating to the classification, packaging and labeling of dangerous substances and preparations. Causes burns. Avoid contact with skin and eyes. After contact with skin, wash immediately with plenty of water. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection. If swallowed, seek medical advice immediately and show this container or label.

Use B 25 safely. Always read the label and product information before use.

The information on our products is based on detailed internal and external scientific examinations, and recommendations are given to the best of our knowledge. Liability is being judged in accordance with our General Terms of Sale and Delivery which are available at any time upon request.

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Instrument disinfection • Disinfection of surfaces and inventory • Disinfection and care of hands and skin • Disinfection of special applications • Accessories

Information as of 01/10