

B 20

Wipe 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 clinics, e.g. in operating rooms, intensive-care units, casualty wards, central sterilization departments and for diagnosis devices which are also used for operations. B 20 is also used in nursing homes (old people's homes, etc.), the food industry and in all fields where impeccable hygienic conditions are necessary.

Advantages of the product

- For all washable surfaces and objects.
- Comprehensive effective spectrum against bacteria, fungi and many viruses (virucidal with limited effectiveness against enveloped viruses, e.g. Vaccinia viruses, BVDV inclusive of HBV, HCV and HIV, and non-enveloped viruses, e.g. Noro viruses).
- VAH/DGHM listed. Tested in accordance with EN 13727, EN 13624, EN 14476.
- Intensive cleaning power – contains selected cleaning substances.
- Excellent material compatibility – suitable for all customary floor coverings which can be mopped with water, as well as for sensitive materials, e.g. acrylic glass.
- Economical due to low application concentration.
- Increased safety because of remnant effect (long-term effect), if used regularly.
- Pleasant, fresh fragrance.

Microbiological activity

B 20 has the following characteristics of performance:

Application	Concentration	Time
Surface disinfection (according to VAH/DGHM)	1%	15 min.
	2%	5 min.
Bacteria and fungi ¹⁾	1%	15 min.
MRSA ²⁾	1%	15 min.
TB bacteria	1%	1 hour
Vaccinia viruses, BVDV, incl. HBV, HCV and HIV ³⁾	1%	5 min.
Noro viruses ⁴⁾	4%	30 min.

¹⁾ Test for *Candida albicans*.

²⁾ Effectiveness against bacteria implies effectiveness against MRSA.

³⁾ In accordance with the RKI recommendation (Bundesgesundheitsbl. 47, 62 – 66, 2004).

⁴⁾ Test for MNV surrogate virus.

Application

The wipe disinfectant requires an action period of 15 minutes and a 1% concentration. In order to make 10 litres of ready-to-use solution, pour 100 ml of B 20 out of the stock bottle or the bottle using the measuring beaker/dosing head in a bucket and fill up to 10 litres with cold water.

We recommend appropriate wet wipe methods. Do not mix B 20 with ordinary household detergents.

Caution

Wipe disinfection and cleaning must be carried out daily in all units where infections may start or where protection against infections is necessary.

In the food industry the disinfected surfaces must be thoroughly rinsed with water after the corresponding contact time. The suitability of B 20 must be tested in each individual case if materials which are not waterproof are to be disinfected.

Chemical composition

B 20 is based on quaternary ammonium compounds. 100 g B 20 contains 6.5 g alkyl-benzyl-dimethyl-ammonium chloride, non-ionic surfactants, (5 – 15%), alkaline cleaning components (< 5%), complexing agents (< 5%), adjuvants, hexylcinnamal, butyl phenyl methyl propional and linalool 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.

Please turn over

Shelf life • Storage • Physical properties • Toxicology • Ecology • Caution



Page 2

Shelf life

Concentrate: 4 years

Ready-to-use sol.: unused solution: 28 days; dispose of solution after use.

Storage

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

Physical Properties

Concentrate:

Appearance: clear liquid of low viscosity

Density: $D = 1.05 \pm 0.01 \text{ g/cm}^3$ (20°C)

pH-value: 12.8 ± 0.5

1% ready-to-use solution:

Appearance: clear solution

pH value: 9.5 ± 0.5

Toxicology

The acute oral toxicity (LD_{50}) of B 20 in rats is approx. 5900 mg/kg of body weight. Therefore, B 20 is classified as "non-toxic". The acute dermal toxicity (LD_{50}) in rats is $> 2000 \text{ mg/kg}$ of body weight. Therefore, B 20 is classified as "non toxic". B 20 concentrate is irritant in case of contact with skin, mucous membranes or the eyes. The 1% ready-to-use solution has no sensitizing properties. There is no risk of inhalation under normal conditions of use.

Ecology

If adequately diluted, the ready-to-use solutions of the preparation are ecologically safe as all constituents are biodegradable in flush water. The surfactants meet the requirements of the OECD guidelines. 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 20 concentrate is classified as "irritant" and "dangerous to the environment" in accordance with the Directives relating to the classification, packaging and labelling of dangerous substances and preparations (R 38-41-50, S 26-37/39-57-61; see MSDS).

Use B 20 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