



B 45

Quick-Acting Disinfectant

Product Information

Area of application

Adehyde-free ready-to-use solution for fast-acting alcoholic wipe or spray disinfection as well as for cleaning sensitive surfaces of medical devices (operating tables, medical devices, dressing trolleys, stethoscopes, etc.) and other surfaces, particularly in poorly accessible areas, in clinics, in care homes, the food industry and in all fields where impeccable hygienic conditions are necessary.

Advantages of the product

- Excellent material compatibility. Particularly suitable for use on sensitive surfaces made of plastic, acrylic glass or artificial leather.
- Comprehensive effective spectrum against bacteria, fungi and all viruses (virucidal with limited effectiveness against enveloped viruses, e.g. Vaccinia viruses, BVDV inclusive of HBV, HCV and HIV).
- VAH/DGHM registered. Tested in accordance with EN 14348, EN 14476.
- Dries quickly.

Microbiological effectiveness

B 45 has the following characteristics of performance:

Application	Concentration	Time
Surface disinfection (according to VAH/DGHM)	100%	1 min.
Bacteria inclusive of MRSA ¹⁾ , fungi ²⁾	100%	1 min.
TB bacteria	100%	2 min.
Vaccinia viruses inclusive of HBV, HCV, HIV ³⁾	100%	30 sec.

¹⁾ Effectiveness against bacteria implies effectiveness against MRSA.

²⁾ Test for *Candida albicans*.

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

Application

Never dilute B 45. If B 45 is used as a wipe disinfectant, moisten a cloth by means of the squeeze bottle and the surfaces or apply B 45 onto the surfaces direct and wipe them dry. If it is used as a spray disinfectant, spray surfaces and objects from a distance of 20 to 30 cm until they are fully soaked and either wipe with a cloth or spray the preparation into a cloth and wipe them dry. Visibly contaminated surfaces should be disinfected with B 45 and then wiped with a cloth. Respray cleaned surfaces. The product takes effect within 1 minute in accordance with VAH/DGHM, 30 seconds to inactivate enveloped viruses and 2 minutes to inactivate TB bacteria.

Caution

Flash point in accordance with DIN 51755: 33°C. Maximum application: 50 ml/m².

Chemical composition

B 45 contains alcohols and quaternary ammonium compounds. 100 g contains 17 g propan-1-ol, 0.25 g alkyl-benzyl-dimethyl-ammonium chloride 50%, adjuvants and water.

Packing units

10-litre container
Carton of 6 1-litre bottles
Carton of 6 x 750-ml bottles (squeeze bottle)

Accessories

Container tap, spray bottle, dosing pump for 1-l bottle, spray nozzle for 1-l bottle.

Shelf life

3 years

Storage

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

Physical properties

Appearance: clear, colourless liquid
Density: $D = 0.97 \pm 0.02 \text{ g/cm}^3$ (20°C)
Flash point: 33°C (in accordance with DIN 51755)

Please turn over

Toxicology • Ecology • Caution • Expertise



Toxicology

The acute oral and dermal toxicity (LD₅₀) in rats is > 2000 mg/kg of body weight. Therefore, B 45 is classified as "non-toxic". In accordance with the results of an in vitro test, B 45 is classified as skin-irritating. If the preparation comes into contact with the mucous membranes of the eye, it must also be treated as an irritant. There is no risk of inhalation if the preparation is used as specified.

Ecology

B 45 is easily biodegradable according to OECD guideline 301 D. The packing is made of polyethylene and can therefore be exploited both materially and thermally. To recycle, rinse the container with water.

Caution

B 45 is classified as "irritant" in accordance with the Directives relating to the classification, packaging and labelling of dangerous substances and preparations. Risk of serious damage to eyes. Vapours may cause drowsiness and dizziness. Keep away from sources of ignition. Do not smoke. Avoid contact with eyes and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.

Independent expert opinions – own test reports

All expert reports are available upon request.

CE 0124

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.

Complimentary products of the oro® Hygienesystem

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

Information as of 01/10