



# B 40

## Quick-Acting Disinfectant

### Product Information

#### Area of application

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

#### Advantages of the product

- Fast-acting, cleaning wipe and spray disinfection.
- Tested effectiveness and comprehensive effective spectrum against bacteria, fungi and many viruses (virucidal with limited effectiveness against enveloped viruses inclusive of Vaccinia viruses, BVDV inclusive of HBV, HCV and HIV as well as non-enveloped viruses, e.g. Adeno viruses, Polyoma SV-40 viruses, Noro viruses).
- VAH/DGHM listed. Tested in accordance with EN 13727, EN 13624, EN 14348, EN 14476.
- Excellent material compatibility.
- Dries quickly.
- Easy to use.
- Pleasant, fresh fragrance.
- There is no risk of inhalation if used as specified.

#### Microbiological effectiveness

B 40 has the following characteristics of performance:

Application	Concentration	Time
Surface disinfection (according to VAH/DGHM)	100%	15 sec.
Bacteria and fungi <sup>1)</sup>	100%	15 sec.
MRSA <sup>2)</sup>	100%	15 sec.
TB-bacteria	100%	15 sec.
Vaccinia viruses, BVDV, incl. of HBV, HCV and HIV <sup>3)</sup>	100%	30 sec.
Adeno viruses	100%	30 sec.
Polyoma SV-40 viruses <sup>4)</sup>	100%	5 min.
Noro viruses <sup>5)</sup>	100%	1 min.

<sup>1)</sup> Test with *Candida albicans*.

<sup>2)</sup> Effectiveness against bacteria implies effectiveness against MRSA.

<sup>3)</sup> In accordance with RKI recommendations (Bundesges.bl. 47, 62 - 66, 2004).

<sup>4)</sup> Without organic load; with organic load: 100%/15 minutes.

<sup>5)</sup> Test for MNV surrogate virus.

#### Application

Never dilute B 40. If B 40 is used as a wipe disinfectant, moisten a cloth by means of the squeeze bottle and wipe the surfaces or apply B 40 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 40 and then wiped with a cloth. Respray cleaned surfaces. The product takes effect within 15 seconds in accordance with VAH/DGHM.

#### Caution

B 40 must not be used on alcohol-sensitive materials, e.g. acrylic glass, in this case, the material compatibility must be tested.

The wipe or spray disinfectant is preferably used for unproblematic and quick disinfection of small surfaces. It is also considered a suitable method when a surface or an object is poorly accessible.

In the food industry, use B 40 only if there are no open foodstuffs nearby. Afterwards, rinse the disinfected surfaces thoroughly with water.

#### Chemical composition

B 40 contains alcohols and adjuvants in aqueous solution. 100 g contains 26 g ethanol, 32 g propan-1-ol.

#### Packing units

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

#### Accessories

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

#### Please turn over

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



## Page 2

### Shelf life

3 years

### Storage

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

### Physical properties

Appearance: clear, colourless liquid  
Density:  $D = 0.89 \pm 0.02 \text{ g/cm}^3$  (20°C)  
Flash point: 25°C (according to DIN 51755)

### Toxicology

The acute toxicity (LD<sub>50</sub>, rat, oral, dermal) is > 2000 mg/kg of body weight. Therefore, B 40 is classified as "non-toxic". B 40 has neither sensitizing nor skin-irritating properties. If the preparation comes into contact with the mucous membranes of the eye, it is considered as non irritant. Under normal conditions of use, there is no risk of inhalation.

### Ecology

B 40 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 40 is classified as "flammable" in accordance with the Directives relating to the classification, packaging and labelling of dangerous substances and preparations. Vapours may cause drowsiness and dizziness. Keep away from sources of ignition. Do not smoke. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Flash point 25°C. For safety reasons, only spray out of the special spray bottle or the 1-l bottle with spray nozzle. Max. application amount 50 ml/m<sup>2</sup>.

### CE 0124

**Use B 40 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.

### Complimentary products from oro<sup>®</sup> 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