

Product information

HD 410 hand disinfection

Characteristics

HD 410 from Dürr System-Hygiene is a fast-acting, alcohol-based rub-in preparation for hygienic and surgical hand disinfection. Special caring and refatting additives fully protect your hands and allow regular use. Suitable protective gloves can also be disinfected with HD 410.

Chemical composition

HD 410 is based on a fast-acting combination of the alcohols 2- and 1-propanol and special components for the care and protection of the skin. 100 g HD 410 contain as active ingredients 47 g 2-propanol, 26 g 1-propanol and < 0.5 g substances to restore the skin's natural oil, < 0.5 g colorants and fragrances in an aqueous solution.

Microbiological effectiveness

HD 410 is bactericidal^[1], tuberculocidal^[1], levurocidal^[1], virucidal with limited effectiveness (enveloped viruses, inclusive of HBV, HCV, HIV^{[2], [3]}), and non-enveloped viruses, e.g. adeno viruses^[1], rota viruses^[1], polyoma SV 40 viruses^[1], noro viruses^[1]). VAH List. Tested in accordance with EN 1500, EN 12791, EN 13727, EN 13624, EN 14348, EN 14476.

Directions for use

Use HD 410 undiluted. For hygienic hand disinfection rub 3 ml of HD 410 into your clean and dry hands for 15 seconds. For surgical hand disinfection keep your clean and dry hands and forearms moist with HD 410 for 1.5 minutes (at least 10 ml in all). Apply HD 410 after each treatment in accordance with the rules of hygienic hand disinfection. Visibly soiled hands must be additionally cleaned afterwards.



HD 410 features in brief

- Alcohol-based rub-in preparation for hygienic and surgical hand disinfection.
- Broad effective spectrum: bactericidal, tuberculocidal, levurocidal, virucidal with limited effectiveness (enveloped viruses inclusive of HBV, HCV and HIV as well as non-enveloped viruses, e.g. rota viruses, adeno viruses, polyoma SV 40 viruses, noro viruses).
- Tested in accordance with the current VAH guidelines and European standards.
- VAH List.
- Contains skin-care and refatting substances.
- Skin compatibility was dermatologically tested.

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Any 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 judged in accordance with our General Terms of Sale and Delivery which are available upon demand at any time.

Product information

HD 410 Hand Disinfection

To protect against Tb bacteria, enveloped viruses, inclusive of hepatitis B viruses, hepatitis C viruses and HIV, and non-enveloped viruses e.g. rota viruses, adeno viruses, polyoma SV 40 viruses, noro viruses also keep your hands moist with HD 410 for 15 sec. to 1.5 min. (see table).

Environmental behaviour

HD 410 solutions are ecologically harmless. The constituents of HD 410 are biodegradable in flush water. The packing is made of polyethylene/polypropylene and can therefore be exploited both materially and thermally. For recycling, rinse bottle with water.

Physical properties

Appearance: clear, light blue fluid of low viscosity

Density: $D = 0.86 \pm 0.02 \text{ g/cm}^3$ (20°C)

pH value: 6.0 ± 1.0

Flash point: 22°C according to DIN 51755.

Shelf life

4 years

12 months once the bottle has been opened

Packaging sizes

10-l canister

2.5-litre bottle

800-ml bottle

500-ml bottle

Storage

Store product at 5°C to room temperature max.

Accessories

Universal preparation dispensers S400, L400,

Application	Time
Hygienic hand disinfection¹⁾	15 sec.
Surgical hand disinfection¹⁾	1.5 min.
Bacteria¹⁾ and yeast fungi¹⁾	15 sec.
Tb bacteria¹⁾	30 sec.
Enveloped viruses, incl. HBV, HCV, HIV^{2), 3)}	15 sec.
Rota viruses¹⁾	15 sec.
Adeno viruses¹⁾	1 min.
Polyoma SV 40 viruses¹⁾	1.5 min.
Noro viruses¹⁾	1.5 min.

1) Testing at high burden.

2) Test with and without load.

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

L1000 for 500-ml and 800-ml bottles, Hygocare and Hygocare Plus for 500-ml bottles, dosing pump, container tap

Caution

Store medicines out of the reach of children.

Should not be used after the expiry date has lapsed. The resistance of safety gloves to alcohols has to be tested in each individual case. Refilling may only be performed under aseptic (clean bench) conditions.

Hazard Statement

HD 410 is classified and labelled according to the CLP Regulation: see product label and safety data sheet.

Independent expert opinions - own test reports

All expert reports are available upon request.

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