

Product information

HD 420 plus hand disinfection



HD 420 plus at a glance

- Alcohol-based hand rub for hygienic and surgical* hand disinfection.
- Tested in accordance with current European standards.
- EU-wide approval as a biocidal product
- Contains a fattening agent.
- Contains no perfume.
- Dermatologically tested.

*** Products that are used for surgical hand disinfection may not be refilled or transferred to other containers.**

Features

HD 420 plus is a ready-to-use, alcohol-containing hand disinfectant rubbing solution for hygienic and surgical* hand disinfection without the need for rinsing in medical settings (product type 1: human hygiene). HD 420 plus contains a fattening agent.

Product composition

HD 420 plus is based on the alcohols 2-propanol and 1-propanol. 100 g HD 420 plus contains 47 g 2-propanol (CAS Nr. 67-63-0), 26 g 1-propanol (CAS Nr. 71-23-8) as the active substances, as well as < 0.5 g emollients and excipients.

Antimicrobial effect

HD 420 plus is included in the VAH list and IHO list of disinfectants. Tested in accordance with EN 1500, EN 12791, EN 13727, EN 13624, EN 14348, EN 14476.

Hygienic hand disinfection: Bactericidal (incl. tuberculocidal / mycobactericidal), yeasticidal, and effective against enveloped viruses (activity against enveloped viruses) and against rota-, adeno and noroviruses (limited spectrum virucidal activity)

Surgical hand disinfection*: Bactericidal and yeasticidal.

Directions for use

HD 420 plus is applied undiluted. To disinfect hands hygienically, rub the visibly clean hands with at least 3 ml of HD 420 plus and keep wet for at least 30 seconds in order to achieve a bactericidal (including tuberculocidal / mycobactericidal) and yeasticidal effect as well as effectiveness against enveloped viruses. The effectiveness "limited spectrum virucidal activity" is achieved when the visibly clean hands are rubbed for 90 seconds. For surgical hand disinfection, rub portions of the previously cleaned and dried hands and forearms with the undiluted product. To achieve a bactericidal and yeasticidal effect, keep the skin moist for at least 90 seconds (using at least 10 ml).

Environmental impact

Uncontaminated and residue-free packaging can be sent to recycling.

For further information see the Material Safety Data Sheet.

Shelf life

Do not use the product after the expiry date printed on the packaging.

Shelf life after opening in resealable original container, 12 months. With suitable dispenser or pump attachment, 3 months.

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Container sizes

10-l canister*
2.5-l bottle*
1-l bottle
500-ml bottle

Storage

Keep out of direct sunlight. Keep cool. Keep container tightly closed.

Accessories

Universal product dispenser S 400, L 400, L 1000, RX 5 M, RX 10 M, and Universal product dispenser Touchless XT 400, XT 1000, RX 5 T for 500 ml and 1000 ml bottles, dosing pump.

General notes

Wear eye protection and use a funnel when transferring. Ensure adequate ventilation during use. Avoid eye contact. Dispose of larger quantities in conformity with official requirements. Changes in the colour and odour during storage have no impact on product performance. Only for professional users. Spore-free filtered.

Risk phrases

HD 420 plus is classified and labelled according to the CLP Regulation. For further information see the Material Safety Data Sheet.

Flash point: 22 °C

Independent expert opinions – in-house investigations

The expert opinions are available upon request.

Use disinfectants carefully. Always read the label and summary of product characteristics before use.

Marketing authorisation number: EU-0032838-0001 1-1
Marketing authorisation holder: orochemie GmbH + Co. KG · Max-Planck-Straße 27 · D-70806 Kornwestheim, Germany

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Hygienic Hand Disinfection		
Spectrum of activity	Tested in accordance with	Exposure time
Bacteria and yeasts		
Bactericidal / yeasticidal	EN 13727, EN 13624, EN 1500	30 sec
Tuberculocidal/ mycobactericidal	EN 14348	30 sec
Viruses		
Virucidal activity against enveloped viruses (enveloped viruses including HBV, HCV, HIV as well as coronaviruses)	EN 14476	30 sec
Limited spectrum of virucidal activity (including rotaviruses, adenoviruses, noroviruses)	EN 14476	90 sec
Surgical Hand Disinfection *		
Spectrum of activity	Tested in accordance with	Exposure time
Bacteria and yeasts		
Bactericidal / yeasticidal	EN 13727, EN 13624, EN 12791	90 sec

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