

# Product information

## HD 410 hand disinfection



### HD 410 at a glance

- Alcohol-based hand rub for hygienic and surgical hand disinfection
- Broad spectrum of activity: bactericidal, tuberculocidal, mycobactericidal, yeasticidal, virucidal activity against enveloped viruses (enveloped viruses incl. HBV, HCV, HIV, coronaviruses) and limited spectrum of virucidal activity (incl. rotaviruses, adenoviruses, noroviruses)
- Tested in accordance with current European standards
- HD 410 is included in the VAH list, IHO list of disinfectants and RKI list
- HD 410 has virucidal activity against enveloped viruses in 15 seconds and limited spectrum of virucidal activity in 1.5 minutes
- Contains moisturisers and emollients
- Clinically tested for skin compatibility

### Properties

HD 410 from Dürr System Hygiene is a quick-acting, alcohol-based hand rub for hygienic and surgical hand disinfection. Moisturisers and emollients protect the hands, enabling HD 410 to be used on a regular basis. HD 410 may also be used to disinfect compatible protective gloves.

### Product composition

HD 410 is based on a quick-acting combination of the alcohols 2-propanol and 1-propanol as well as special components to moisturise and protect the skin. 100 g HD 410 contains 47 g 2-propanol, 26 g 1-propanol (active substances) as well as < 0.5 g emollients and excipients.

### Microbiological efficacy

HD 410 is bactericidal, tuberculocidal, mycobactericidal, yeasticidal, virucidal activity against enveloped viruses (enveloped viruses incl. HBV, HCV, HIV, coronaviruses) and limited spectrum of virucidal activity (incl. rotaviruses, adenoviruses, noroviruses). HD 410 is included in the VAH list, IHO list of disinfectants and RKI list. Tested in accordance with EN 1500, EN 12791, EN 1276, EN 1650, EN 13727, EN 13624, EN 14348, EN 14476.

### Directions for use

HD 410 is always applied undiluted. For hygienic hand disinfection, completely moisten dry hands with HD 410 and leave it on for 15 seconds. For surgical hand disinfection, completely moisten previously cleaned and dried hands and forearms with HD 410 and continue to apply it for 1.5 minutes to keep the skin moist. HD 410 is applied after each patient to ensure hygienic hand disinfection. Then clean visibly soiled hands additionally. In cases of contamination with Tb bacteria, enveloped viruses incl. HBV, HCV, HIV, coronaviruses as well as non-enveloped rotaviruses, adenoviruses and noroviruses completely moisten the hands for 15 seconds to 1.5 minutes (see table).

# Product information

## HD 410 hand disinfection

### Environmental impact

The packaging is made of polyethylene and polypropylene and can thus be recycled or incinerated. For recycling, flush bottles with water.

For further information see safety data sheet.

### Physical data

Appearance: clear, blue, low-viscosity liquid

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

pH:  $6.0 \pm 1.0$

Flash point: 22°C

### Shelf life

4 years

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

### Container sizes

10-L canister, 2.5-L bottle,

1-L bottle, 500-mL bottle

### Storage

Store product at between 5°C and room temperature.

### Accessories

Universal product dispensers S 400, L 400, L 1000 as well as universal product dispensers Touchless T 400, T 1000 for 500-mL and 1000-mL bottles, Hygocare, Hygocare Plus for 500-mL bottles, pump dispensers, canister spigot.

### General instructions

For disinfection of protective gloves, take compatibility with alcohols into consideration. Changes in the colour and odour of HD 410 during storage have no impact on efficacy. Use exclusively by qualified personnel.

### Hazard warnings

HD 410 is classified and labelled in accordance with the CLP Regulation: see product label and safety data sheet.

### Independent expert opinions – in-house investigations

The expert opinions are available upon request.

**Use disinfectants carefully. Always read the label and product information leaflet before use.**

Application	Tested according to	Contact time
Hygienic handrub disinfection	EN 1276, EN 1650, EN 13624, EN 13727, EN 1500	15 sec
Surgical handrub disinfection	EN 12791, EN 13727	1.5 min
Type of activity	Tested according to	Contact time
Bacteria and Yeasts		
Bactericidal / Yeasticidal	EN 13727, EN 13624, EN 1276, EN 1650	15 sec
Tuberculocidal / Mycobactericidal	EN 14348	30 sec
Viruses		
Virucidal activity against enveloped viruses (enveloped viruses incl. HBV, HCV, HIV as well as Coronaviruses)	EN 14476	30 sec
Limited spectrum of virucidal activity (incl. Rota-, Adeno-, Noroviruses)	EN 14476	1.5 min

### Sales

Dürr Dental SE  
Höpfigheimer Str. 17  
74321 Bietigheim-Bissingen  
Germany  
www.duerrdental.com  
info@duerrdental.com

### Manufacturer

orochemie GmbH + Co. KG  
Max-Planck-Straße 27  
70806 Kornwestheim  
Germany  
www.orochemie.de  
info@orochemie.de

