

Product information

ID 213 instrument disinfection



ID 213 at a glance

- Concentrate for cleaning and disinfection of general and surgical instrument sets as well as alkali-sensitive and alcohol-sensitive rotary instrument sets in private practices, laboratories and hospitals in the field of dental medicine
- Comprehensive spectrum of activity: bactericidal, tuberculocidal, mycobactericidal in the ultrasonic cleaner, yeasticidal, virucidal activity against enveloped viruses (enveloped viruses incl. HBV, HCV, HIV and coronaviruses), noroviruses, polyomaviruses SV40
- Tested in accordance with current VAH methods and European standards
- VAH list. IHO list of disinfectants
- ID 213 is economical due to its low application concentration, which is only 2% in accordance with VAH
- Good material compatibility due to special corrosion inhibitors
- Particularly suitable for use in ultrasonic cleaners such as Hygasonic by Dürr Dental
- Aldehyde-free – its mechanism of action is based on alkylamines and quaternary ammonium compounds

The recommendations concerning our products are based on exhaustive in-house and external scientific investigations and are provided to the best of our knowledge. Our liability is limited here based on our "General Sales and Delivery Terms" that are available upon request at any time.

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Properties

ID 213 from Dürr System Hygiene is a highly effective, aldehyde-free concentrate for cleaning and disinfection of general and surgical instrument sets (mirrors, probes, forceps, tongs, etc.) in private practices, laboratories and hospitals in the field of dental medicine. An additional area of application is the disinfection and cleaning of alkali-sensitive and alcohol-sensitive rotary instrument sets, e.g. of light and non-ferrous metals (aluminium, brass, etc.) or certain synthetic resin bonded instruments. ID 213 is gentle on materials.

Product composition

ID 213 is based on a combination of alkylamines and quaternary ammonium compounds, non-ionic surfactants, complexing agents, coumarin, citronellol, excipients in aqueous solution. 100 g ID 213 contains 15 g 3-aminopropyl-dodecyl-1,3-propanediamine, 12.5 g alkyl benzyl dimethyl ammonium chloride.

Microbiological efficacy

Bactericidal, tuberculocidal, mycobactericidal in the ultrasonic cleaner, yeasticidal, virucidal activity against enveloped viruses (enveloped viruses incl. HBV, HCV, HIV and coronaviruses), noroviruses, polyomaviruses SV40. VAH list. IHO list of disinfectants. Tested under high organic load in accordance with EN 13727, EN 13624, EN 14348, EN 14476, EN 14561, EN 14562, EN 14563, EN 17111 as well as DVV/RKI guidelines.

Directions for use

Use ID 213 for cleaning in a concentration of 2% for an exposure time of 5 minutes. For example, use the measuring cup in the cap to dose 20 mL of ID 213 (marking corresponds to 20 mL) and fill with water to 1 litre. Then rinse instrument sets thoroughly under running water and scrub manually, as necessary. Change spent cleaning solution daily. Then disinfect the cleaned instruments with ID 213 in a second instrument bath (e.g. Hygobox by Dürr Dental). ID 213 is used as a 2% solution. In accordance with VAH, use ID 213 at 2% - 5 minutes (bactericidal / yeasticidal) or at 2% - 60 minutes (tuberculocidal); in the ultrasonic cleaner 2% - 2 minutes, for Tb or mycobacteria 2% - 30 minutes (e.g. Hygasonic by Dürr Dental). Inactivation of viruses takes place at 2% - 1 minute to 60 minutes. After the exposure time has elapsed, thoroughly rinse the disinfected instrument set for at least 15 seconds under running water of at least



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potable quality (preferably with demineralised water) and dry. Use disinfectant solution for at most 14 days, depending on contamination. The disinfectant solution must be replaced immediately if it is visibly contaminated. For instruments subject to special processing requirements, follow the manufacturer's instructions and country-specific requirements. Not suitable for final disinfection of semi-critical and critical medical devices.

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

Concentrate:

Appearance: clear, blue, low-viscosity liquid

Density: $D = 1.00 \pm 0.02 \text{ g/cm}^3$ (20°C)

pH: 12.0 ± 0.5

Working solution (2%):

Appearance: clear, light-blue solution

pH: 10.2 ± 0.5

Shelf life

Concentrate: 4 years

Working solution: 28 days for unused solution; replace used cleaning solutions each day; use disinfectant solution for a maximum of 14 days, depending on contamination. The disinfectant solution must be replaced immediately if it is visibly contaminated.

Container size

2.5-L bottle

Storage

Store product at between 5°C and room temperature.

Accessories

Hygobox, Hygasonic.

General instructions

Use ID 213 in a closed instrument bath. Do not mix ID 213 with other products. Thoroughly clean the disinfection container prior to initial use of ID 213. General and surgical instrument sets, as well as rotary instrument sets, may be left immersed in the ID 213 working solution for up to 12 hours. Follow the instrument manufacturer's instructions concerning material compatibility, care and processing. We also recommend ID 215 enzymatic instrument cleaner for cleaning contaminated instruments. Do not use ID 213 on instruments that have already been treated with products containing aldehydes such as glutaraldehyde or glyoxal. Contact with ID 213 may result in reddish brown discolourations. Changes in product colour/odour may occur, especially when stored in sunlight. However, these changes in colour and/or odour have no impact on the disinfection efficacy of the product. Use exclusively by qualified personnel. All serious incidents that occur in association with the product must be immediately reported to the manufacturer and the competent authority of your member state.

Hazard warnings

ID 213 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.



Application		Concentration - Time relation
Recommended application for instrument disinfection according to VAH	Bactericidal / Yeasticidal	2% - 5 min
	Tuberculocidal	2% - 60 min
Type of activity	Tested according to	Concentration - Time relation
Bacteria and yeasts		
Bactericidal / Yeasticidal	EN 13727, EN 14561, EN 13624, EN 14562	2% - 5 min
Bactericidal / Yeasticidal in an ultrasonic bath	EN 13727, EN 14561, EN 13624, EN 14562	2% - 2 min
Tuberculocidal / Mycobactericidal in an ultrasonic bath	EN 14348, EN 14563	2% - 30 min
Viruses		
Virucidal activity against enveloped viruses (enveloped viruses incl. HBV, HCV, HIV as well as Coronaviruses)	EN 14476, EN 17111	2% - 15 min
	DVV/RKI guidelines	2% - 1 min
Noroviruses	EN 14476, EN 17111	2% - 60 min
Polyomaviruses SV40	DVV/RKI guidelines	2% - 15 min