

Product information

ID 212 instrument disinfection



ID 212 at a glance

- Concentrate for cleaning and disinfection of general and surgical instrument sets (e.g. mirrors, probes, forceps, tongs, etc.) in private practices, laboratories and hospitals in the field of dental medicine.
- Broad spectrum of activity: Bactericidal, yeasticidal, tuberculocidal in the ultrasonic cleaner, with virucidal activity against enveloped viruses (enveloped viruses incl. HBV, HCV, HIV and coronaviruses), non-enveloped adenoviruses and noroviruses.
- Tested in accordance with current VAH methods and European standards. Virucidal activity against enveloped viruses in accordance with DVV/RKI guidelines as well as EN 14476 and EN 17111.
- VAH list. IHO Disinfectant List.
- ID 212 is economical due to its low application concentration, which is only 2% in accordance with VAH.
- Particularly suitable for use in ultrasonic cleaners such as Hygasonic.
- Outstanding compatibility with materials, especially for instruments with rubber/silicone components.
- Aldehyde-free – its mechanism of action is based on quaternary ammonium cations.

Properties

ID 212 from Dürr System Hygiene is a highly effective, aldehyde-free concentrate for cleaning and disinfection of general and surgical instrument sets (e.g. 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 rotating instrument sets, e.g. soldered hard metal milling tools, aluminium oxide stones, rubber polishers. It is also suitable for nickel titanium endodontic instruments as well as certain synthetic-resin-bonded instruments. ID 212 is gentle on materials.

Product composition

ID 212 is based on a combination of quaternary ammonium compounds. 100 g ID 212 contains 9 g alkyl-benzyl-dimethylammonium chloride, 0.1 g guanidine compound, nonionic surfactants, alkaline cleaning components, complexing agents, benzyl salicylate, excipients.

Antimicrobial effect

ID 212 is bactericidal, yeasticidal, tuberculocidal in the ultrasonic cleaner, with virucidal activity against enveloped viruses (enveloped viruses incl. HBV, HCV, HIV and coronaviruses), non-enveloped adenoviruses and noroviruses. ID 212 is included in the VAH and IHO lists 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 212 for cleaning in a concentration of 2% for an exposure time of 5 minutes. For example, fill 20 ml of ID 212 using the measuring beaker in the cap (graduation corresponds to 20 ml) and top up to 1 litre with water. Rinse instrument sets thoroughly under running water after cleaning and scrub manually, as necessary. Then disinfect the cleaned instruments with ID 212. ID 212 is used as a 2% or 4% solution. In accordance with the VAH, the exposure time is 2% - 5 min. (bactericidal / yeasticidal). Inactivation of viruses takes place at 4% - 60 minutes and the Tb bacteria in the ultrasonic cleaner at 2% - 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 potable quality (preferably with demineralised water) and dry. 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

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water.

For further information see safety data sheet

Shelf life

Do not use the product after the expiry date printed on the packaging. Unused solution 28 days. Change used cleaning solution each working day. Use disinfectant solutions for a maximum of 7 days, depending on contamination. The disinfectant solution must be replaced without delay if it is visibly contaminated.

Container size

2.5-L bottle

Storage

Store in a well-ventilated place. Keep container tightly closed.

Accessories

Hygobox, Hygasonic.

General notes

Use ID 212 in a closed instrument bath. Do not mix ID 212 with other products. General and surgical instrument sets, as well as rotary instrument sets, may be left immersed in the ID 212 working solution for up to 12 hours. Follow the instrument manufacturer's instructions concerning material compatibility, care, and process-

ing. We also recommend ID 215 enzymatic instrument cleaner for cleaning contaminated instruments. 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 events 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 212 is classified and labelled according to the CLP Regulation.

For further information see safety data sheet.

Concentrate: pH value: 12.0–13.0

Working solution (2 %): pH value: 10.0 - 11.0

Independent expert opinions – in-house investigations

The expert opinions are available upon request.



Application	Concentration-Time relation	
Recommendation for use for instrument disinfection in accordance with VAH	Bactericidal / yeasticidal 2% - 5 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 the ultrasonic cleaner	EN 13727, EN 14561, EN 13624, EN 14562	2% - 5 min
Tuberculocidal in the ultrasonic cleaner	EN 14348, EN 14563	2% - 60 min
Viruses		
Virucidal activity against enveloped viruses (enveloped viruses including HBV, HCV, HIV as well as coronaviruses)	EN 14476, EN 17111	2% - 15 min
	DVV / RKI guideline	2% - 1 min
Adenoviruses	EN 14476, EN 17111	4% - 30 min
Noroviruses	EN 14476, EN 17111	4% - 60 min

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