

Product information

ID 220 bur disinfection



ID 220 at a glance

- Aldehyde-free, ready-to-use solution for cleaning and disinfection of rotary instruments in private practices, laboratories and hospitals in the field of dental medicine.
- Exceptional cleaning action – dissolves the most stubborn deposits on burs and milling tools made from alkali-resistant steel and stainless steel as well as carbide, diamond instruments, root canal instruments.
- Particularly quick-acting – exposure time of only 1 minute in bur sterilisers.
- Comprehensive spectrum of activity: bactericidal, mycobactericidal, tuberculocidal, yeasticidal, fungicidal, virucidal (enveloped viruses incl. HBV, HCV, HIV and coronaviruses as well as non-enveloped viruses, such as adenoviruses, noroviruses, polioviruses, polyomaviruses SV40).
- Tested in accordance with current VAH methods, DVV/RKI guidelines, and European standards.
- VAH list. IHO Disinfectant List.
- Particularly suitable for use in ultrasonic cleaners such as Hygasonic.
- Excellent material compatibility due to special corrosion inhibitors.

Properties

ID 220 from Dürr System Hygiene is a highly effective, aldehyde-free, ready-to-use solution for cleaning and disinfection of rotary instruments (burs and milling tools made from alkali-resistant steel and stainless steel as well as carbide, diamond instruments, root canal instruments, etc) in private practices, laboratories and hospitals in the field of dental medicine. ID 220 is distinguished by excellent material compatibility – contains special corrosion inhibitors – and a particularly quick-acting and comprehensive spectrum of activity. ID 220 has a pleasant odour.

Product composition

ID 220 is based on a combination of alcohols, potassium hydroxide, complexing agents, corrosion inhibitors and excipients in aqueous solution. 100 g ID 220 contains 15 g 1-propanol.

Microbiological efficacy

ID 220 is bactericidal, mycobactericidal, tuberculocidal, yeasticidal, fungicidal, virucidal (enveloped viruses incl. HBV, HCV, HIV and coronaviruses as well as non-enveloped viruses, such as adenoviruses, noroviruses, polioviruses, polyomaviruses SV40). ID 220 is included in the VAH and IHO lists of disinfectants. Tested under high 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

Always use ID 220 undiluted. The exposure time for cleaning is only 1 minute in bur sterilisers and just 30 seconds in ultrasonic cleaners (e.g. Hygasonic by Dürr Dental). Rinse instrument sets thoroughly under running water after cleaning and scrub manually, as necessary. Change used cleaning solution each working day. Then disinfect the rotary instrument set with ID 220 in a second bur steriliser. The exposure time in the bur steriliser is only 1 minute. See table for further instructions for use. 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. Use disinfectant solution for at most 7 days, depending on contamination. The disinfectant solution must be replaced without delay if it is visibly contaminated. Follow the manufacturer's instructions and country-specific requirements for further processing and any necessary sterilisation.

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.

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Physical data

Appearance: clear, light-blue solution

Density: $D = 0.99 \pm 0.01 \text{ g/cm}^3$ (20°C)

pH: 13.4 ± 0.5

Shelf life

3 years

Replace used cleaning solutions each 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 product at between 5°C and room temperature.

Accessories

Hygasonic

General notes

Use ID 220 in a bur steriliser. Do not mix ID 220 with other products. Do not immerse alkali- and alcohol-sensitive materials, such as

light metals and non-ferrous metals, e.g. aluminium, brass, etc., or instruments with synthetic resin adhesives in ID 220. We recommend instrument disinfection with ID 212, ID 212 forte or ID 213 for these materials. Carbide burs and milling tools, root canal instruments with colour-coded handles, and porcelain instruments must be tested for compatibility with ID 220. Burs, milling tools, etc. may be left immersed in ID 220 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. 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 220 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.

CE 0124

Application	Concentration-time relation	
Recommendation for use for instrument disinfection in accordance with VAH	Bactericidal / yeasticidal / tuberculocidal / fungicidal	100% - 1 min
Spectrum of activity	Tested in accordance with	Concentration-time relation
Bacteria / yeasts / moulds		
Bactericidal / yeasticidal / fungicidal	EN 13727, EN 14561, EN 13624, EN 14562	100% - 1 min
Bactericidal / yeasticidal / fungicidal in the ultrasonic cleaner	EN 13727, EN 14561, EN 13624, EN 14562	100% - 30 sec
Mycobactericidal / tuberculocidal	EN 14348, EN 14563	100% - 1 min
Viruses		
Virucidal activity against enveloped viruses (enveloped viruses including HBV, HCV, HIV as well as coronaviruses)	EN 14476, EN 17111	100% - 1 min
	DVV / RKI guideline	100% - 15 sec
Adenoviruses	EN 14476, EN 17111	100% - 1 min
	DVV / RKI guideline	100% - 1 min
Noroviruses	EN 14476, EN 17111	100% - 1 min
	DVV / RKI guideline	100% - 1 min
Polioviruses	EN 14476	100% - 1 min
	DVV / RKI guideline	100% - 1 min
Polyomaviruses SV40	DVV / RKI guideline	100% - 30 sec

Sales

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