

Product information

ID 220 bur disinfection



ID 220 features in brief

- Aldehyde-free, ready-diluted solution for the simultaneous disinfection and cleaning of rotary instruments in practices, laboratories and clinics.
- Exceptional cleaning power - removes the most stubborn soiling on steel and stainless burs and milling cutters, diamond instruments, root canal instruments.
- Particularly quick-acting – Exposure time of 1 minute only in the fraise and 30 seconds only in the ultrasonic cleaning unit.
- Comprehensive effective spectrum: bacteri-cidal, tuberculo-cidal, fungicidal, virucidal including HBV, HCV and HIV.
- Tested in accordance with the current DGHM guidelines and the European standards.
- VAH List.
- Particularly suitable for use in ultrasonic cleaning units, e.g. the Hygasonic.
- Excellent material compatibility thanks to special corrosion inhibitors.

Characteristics

ID 220 from Dürr System-Hygiene is a highly effective aldehyde-free ready-diluted solution for the simultaneous disinfection and cleaning of rotary instruments (steel and stainless burs and milling cutters, diamond instruments, root canal instruments with synthetic handles, etc.) in practices, laboratories and clinics. ID 220 is characterized by its excellent material compatibility (contains special corrosion inhibitors), its exceptional cleaning power and its particularly quick and comprehensive effectiveness. Pleasant fragrance.

Chemical composition

ID 220 is based on a combination of alcohols, potassium hydroxide, complexing agents, corrosion inhibitors and adjuvants in aqueous solution. 100 g of ID 220 contain: 15 g propan-1-ol.

Microbiological effectiveness

ID 220 is effective against bacteria¹⁾ inclusive of Tb¹⁾, fungi¹⁾, viruses (enveloped viruses, e.g. vaccinia viruses, including HBV, HCV and HIV^{2), 3)} and non-enveloped viruses, e.g. adeno viruses^{1), 2)}, polyoma SV 40 viruses²⁾, polio viruses^{1), 2)}, noro viruses^{1), 2)}). VAH List. Tested in accordance with EN 13727, EN 13624, EN 14348, EN 14476, EN 14561, EN 14562, EN 14563.

Directions for use

Use ID 220 undiluted. An action period of only 1 minute is required in the fraise and 30 seconds in the ultrasonic bath Dürr Dental Hygasonic. Use a contact time of 1 minute to inactivate viruses. It is possible to prolong the action period to 30 to 60 minutes if heavily soiled rotary instruments are to be disinfected. Thoroughly rinse disinfected instruments with running water after the exposure time has lapsed. If necessary, brush off stubborn soilings and re-disinfect. Dry the instruments. Only use perfectly clean and dry instruments for subsequent sterilization. Critical rotary instruments have to be sterilized in suitable packagings for sterile products and have to be stored in a sterile condition. Semi-critical instruments can also be sterilized and stored without packaging on trays, etc.

Environmental behaviour

ID 220 is readily biodegradable according to OECD guideline 301

Product information

ID 220 bur disinfection

D. The packing is made of polyethylene and can therefore be exploited both materially and thermally. For recycling, rinse bottle with water.

Physical properties

Appearance: clear, light blue solution

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

pH value: 13.4 ± 0.5

Shelf life

3 years

Standing time: 7 days max. depending on contamination.

Packaging size

2.5-litre bottle

1-litre bottle

Storage

Store product at 5°C to room temperature max.

Accessories

Hygasonic, instrument tweezer

Caution

Do not place alkali- and alcohol-sensitive materials like alloys and non-ferrous metals (e.g. aluminium, brass, etc.) or certain resin-glued instruments in ID 220. The instrument disinfectants ID 212, ID 212 forte or ID 213 are recommended for this field of application.

The compatibility of carbide burs and cutters, root canal instruments with colour-coded handpieces and porcelain abrasives towards ID 220 must be tested before use. Burs, cutters, etc. may remain in ID 220 for up to 12 hours.

Hazard Statement

ID 220 is classified and labelled according to the CLP Regulation: see product label and safety data sheet.

Independent expert opinions - own test reports

All expert reports are available upon request.

Application	Concentration	Time
Instrument disinfection (according to VAH)¹⁾	100 %	1 min.
Bacteria incl. of Tb¹⁾ and fungi¹⁾	100 %	1 min.
Bacteria incl. of Tb¹⁾ and fungi¹⁾ in ultrasonic equipment	100 %	30 sec.
Vaccinia viruses inclusive of HBV, HCV, HIV^{2), 3)}	100 %	1 min.
Adeno viruses^{1), 2)}	100 %	30 sec.
Polyoma SV 40 viruses²⁾	100 %	1 min.
Polio viruses^{1), 2)}	100 %	1 min.
Noro viruses^{1), 2)}	100 %	1 min.

1) Testing at high burden.

2) Test with and without load.

3) In accordance with the RKI recommendations (Bundesgesundheitsbl. 47, 62 - 66, 2004).

CE 0297

Dürr Dental AG
Höfigheimer Str. 17
74321 Bietigheim-Bissingen
Germany
www.duerrdental.com
info@duerr.de

