

Product information

ID 215 Enzymatic instrument cleaner



ID 215 at a glance

- Concentrate for manual, enzymatic cleaning of general and surgical instrument sets as well as alkali-sensitive and alcohol-sensitive rotary instrument sets in hospitals, private practices and laboratories.
- Protects personnel due to its microbicidal action.
- Spectrum of activity: bactericidal, levurocidal, limited virucidal (enveloped viruses including HBV, HCV, and HIV).
- Tested in accordance with current European standards.
- Application concentration 2% or 1%.
- Particularly suitable for use in ultrasonic cleaners such as Hygasonic.
- Exceptional and tested cleaning effect – dissolves the most stubborn contaminants.
- Outstanding compatibility with materials, especially in the case of instruments with rubber/silicone components.

Properties

ID 215 from Dürr System Hygiene is a concentrate for manual, enzymatic cleaning of general and surgical instrument sets in hospitals, private practices and laboratories. An additional area of application is the cleaning of alkali-sensitive and alcohol-sensitive rotary instrument sets. ID 215 protects personnel due to its microbicidal properties. ID 215 features outstanding cleaning action and material compatibility. ID 215 is economical due to its low application concentration and has a pleasant odour.

Product composition

ID 215 is based on a combination of quaternary ammonium cations, guanidine compounds, diethylene glycol, nonionic surfactants, enzymes and excipients in aqueous solution. 100 g ID 215 contain 8 g didecyltrimethylammonium chloride, 0.4 g poly(hexamethylene biguanide) hydrochloride.

Microbiological efficacy

ID 215 is bactericidal^(1) 2), levurocidal^(1) 2), with limited virucidal activity (enveloped viruses, including HBV, HCV, and HIV^(3), 4)). Tested in accordance with EN 13727, EN 13624, EN 14561, EN 14562.

Directions for use

When using ID 215 in an instrument container (e.g. Hygobox by Dürr Dental), we recommend a concentration of 2% for an exposure time of 15 minutes and 1% for an exposure time of 30 minutes. In an ultrasonic cleaner (e.g. Hygasonic by Dürr Dental), we recommend a concentration of 2% for an exposure time of 1 minute or 1% for an exposure time of 15 minutes. After the exposure time has elapsed, thoroughly rinse the instrument set under running water. Then disinfect pre-cleaned instruments with suitable disinfectants, such as ID 212, ID 212 forte, ID 213 or with bur solution ID 220, rinse with water, and dry. Observe the manufacturer's instructions for further processing.

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Environmental impact

The organic components of ID 215 are biodegradable at suitable dilution levels in wastewater. The packaging is made of polyethylene and polypropylene and can thus be recycled or incinerated. For recycling, flush bottles with water.

Physical data

Concentrate:

Appearance: clear, blue liquid

Density: $D = 1.03 \pm 0.01 \text{ g/cm}^3$ (20°C)

pH: 6.0 ± 1.0

Working solution (2%):

Appearance: clear, light-blue solution

pH: 7.5 ± 1.0

Shelf life

Concentrate: 3 years

Working solution: prepare fresh solution daily and whenever solution is visibly contaminated

Container size

2.5-L bottle

Storage

Store product at between 5°C and room temperature.

Accessories

Hygobox, Hygasonic.

General instructions

General and surgical instrument sets, as well as rotary instrument sets, may be left immersed in the ID 215 working solution for up to 12 hours. Do not mix ID 215 with disinfectants or other cleaners. 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.

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

Application	Concentration	Time
Instrument cleaning	2%	15 min
to protect personnel	1%	30 min
Bacteria ¹⁾ and yeasts ¹⁾	2%	15 min
	1%	30 min
Bacteria ²⁾ and yeasts ²⁾ in an ultrasonic cleaner	2%	1 min
	1%	15 min
Vaccinia viruses including HBV, HCV, HIV ^{3) 4)}	2%	5 min
	1%	30 min

1) Testing at high burden (EN 13727, EN 13624, EN 14561, EN 14562).

2) Testing at high burden based on EN 14561, EN 14562.

3) Testing with and without burden in accordance with DVV/RKI guidelines.

4) In accordance with RKI statement (Federal Health Bulletin 60, 353-363, 2017).

Hazard warnings

ID 215 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.

