

# Product information

## ID 215 enzymatic instrument cleaner



### ID 215 at a glance

- Concentrate for manual, enzymatic cleaning of general and surgical instrument sets. An additional area of application is the cleaning of alkali-sensitive and alcohol-sensitive rotary instrument sets
- Protects personnel due to its microbicidal action
- Spectrum of activity: bactericidal, yeasticidal, virucidal activity against enveloped viruses (enveloped viruses incl. HBV, HCV, HIV, coronaviruses)
- Tested in accordance with current European standards
- Application concentration: 2% or 1%
- Particularly suitable for use in ultrasonic cleaners such as Hygasonic
- Exceptional, tested cleaning action – dissolves the most stubborn deposits
- Good material compatibility, 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. An additional area of application is the cleaning of alkali-sensitive and alcohol-sensitive rotary instrument sets ID 215 is gentle on materials and has a pleasant fragrance.

### Product composition

ID 215 is based on a combination of quaternary ammonium compounds, guanidine compounds, diethylene glycol, non-ionic surfactants, enzymes and excipients in aqueous solution. 100 g ID 215 contains 8 g didecylmethylammonium chloride, 0.4 g poly(hexamethylene biguanide) hydrochloride, 15–30% diethylene glycol, 5–15% non-ionic surfactants, enzymes and excipients in aqueous solution.

### Microbiological efficacy

ID 215 is bactericidal<sup>[1], 2)</sup>, yeasticidal<sup>[1], 2)</sup>, virucidal activity against enveloped viruses (enveloped viruses incl. HBV, HCV and HIV<sup>[3], 4)</sup>). Tested in accordance with DVV/RKI guidelines, EN 13727, EN 13624, EN 14561, EN 14562.

### Directions for use

When using ID 215 in an instrument bath (e.g. Hygobox by Dürr Dental), we recommend a concentration of 2% or 1% for an exposure time of 15 or 30 minutes, respectively. For a 2% solution, use the measuring cup in the cap to dose 20 mL of ID 215 (marking corresponds to 20 mL) and fill with water to 1 litre. ID 215 is also suitable for use in ultrasonic cleaners (e.g. Hygasonic by Dürr Dental). We recommend 2% and 1 minute or 1% and 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. Follow the manufacturer's instructions for further processing. Prepare fresh working solution daily and whenever solution is visibly contaminated.

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### 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 liquid

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

pH:  $6.0 \pm 1.0$

#### Working solution (2%):

Appearance: clear, light-blue solution

pH:  $7.5 \pm 1.0$

### 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 cleaning efficacy of the product. Use exclusively by qualified personnel. All serious incidents that occur in

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Application	Concentration	Time
<b>Instrument cleaning with personnel protection</b>	2 %	15 min
	1 %	30 min
<b>Bacteria<sup>1)</sup> and yeasts<sup>1)</sup></b>	2 %	15 min
	1 %	30 min
<b>Bacteria and yeasts in the ultrasonic cleaner<sup>2)</sup></b>	2 %	1 min
	1 %	15 min
<b>Enveloped viruses incl. HBV, HCV, HIV, coronaviruses<sup>3), 4)</sup></b>	2 %	5 min
	1 %	30 min

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

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

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

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

association with the product must be immediately reported to the manufacturer and the competent authority of your member state.

### 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.

