

# Product information

## ID 213 instrument disinfection



### ID 213 at a glance

- Concentrate for cleaning and disinfection of general and surgical instrument sets as well as alkali-sensitive and alcohol-sensitive rotary instrument sets in private practices, laboratories and hospitals in the field of dental medicine.
- Comprehensive spectrum of activity: bactericidal, tuberculocidal, mycobactericidal in the ultrasonic cleaner, yeasticidal, with virucidal activity against enveloped viruses (enveloped viruses incl. HBV, HCV, HIV), noroviruses, polyomaviruses SV40.
- Tested in accordance with current VAH methods and European standards.
- VAH list. IHO Disinfectant List.
- ID 213 is inexpensive due to the low application concentration, which is only 2% in accordance with VAH.
- Good material compatibility due to special corrosion inhibitors.
- Particularly suitable for use in ultrasonic cleaners such as Hygasonic by Dürr Dental.
- Aldehyde-free – its mechanism of action is based on alkylamines and quaternary ammonium cations.

### Properties

ID 213 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 rotary instrument sets, e.g. of light and non-ferrous metals (aluminium, brass, etc.) or certain synthetic resin bonded instruments. ID 213 is gentle on materials.

### Product composition

ID 213 is based on a combination of alkylamines and quaternary ammonium compounds. 100 g ID 213 contains 15 g 3-aminopropyl-dodecyl-1,3-propanediamine (with byproducts), 12.5 g alkylbenzyl-dimethylammonium chloride, nonionic surfactants, complexing agents, coumarin, citronellol, menta arvensis, fragrances and excipients.

### Antimicrobial effect

ID 213 is bactericidal, tuberculocidal, mycobactericidal in the ultrasonic cleaner, yeasticidal, with virucidal activity against enveloped viruses (enveloped viruses incl. HBV, HCV, HIV), noroviruses, and SV40 polyomaviruses. VAH list. IHO Disinfectant List. 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 213 for cleaning in a concentration of 2% for an exposure time of 5 minutes. For example, fill 20 ml of ID 213 using the measuring beaker in the cap (graduation corresponds to 20 ml) and top up to 1 litre with water. Then rinse instrument sets thoroughly under running water and post-clean manually, as necessary. Then disinfect the cleaned instruments with ID 213. ID 213 is used as a 2% solution. For this purpose, use ID 213 in accordance with VAH in a concentration of 2% for 5 minutes (bactericidal / yeasticidal) or in a concentration of 2% for 60 minutes (tuberculocidal); in the ultrasonic cleaner in a concentration of 2% for 2 minutes, for Tb or mycobacteria in a concentration of 2% for 30 minutes. Viral inactivation takes place in a concentration of 2% for 1 to 60 minutes. After the exposure time has elapsed, thoroughly rinse the disinfected instrument set under running water of at least potable quality (preferably with demineralised water) for at least 15 seconds 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 water.

# Product information

## ID 213 instrument disinfection

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 solution for at most 14 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, Hygosonic.

### General notes

Use ID 213 in a closed instrument bath. Do not mix ID 213 with other products. Thoroughly clean the disinfecting pan before the first use of ID 213. General and surgical instrument sets, as well as rotary instrument sets, may be left immersed in the ID 213 working solution 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. Do not use ID 213 on instruments that have already been treated with products containing aldehydes such as glutardialdehyde or glyoxal. Contact with ID 213 may result in reddish brown discolourations. 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 213 is classified and labelled according to the CLP Regulation. For further information see safety data sheet.

Concentrate: pH value: 11.5–12.5

Working solution (2 %): pH value: 9.5 - 10.5

### 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
	Tuberculocidal	2% - 60 min
Type of activity	Tested according to	Concentration-Time relation
<b>Bacteria and yeasts</b>		
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% - 2 min
Tuberculocidal / mycobactericidal in the ultrasonic cleaner	EN 14348, EN 14563	2% - 30 min
<b>Viruses</b>		
Virucidal activity against enveloped viruses (enveloped viruses including HBV, HCV, HIV)	EN 14476, EN 17111	2% - 15 min
	DVV / RKI guideline	2% - 1 min
Noroviruses	EN 14476, EN 17111	2% - 60 min
Polyomaviruses SV40	DVV / RKI guideline	2% - 15 min

### Sales

Dürr Dental SE  
Höpfheimer 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.com

