

Product information

MD 530 cement remover and cleaner of prostheses



MD 530 at a glance

- Ready-to-use solution for the removal of acid-soluble cements, calculus, oxidation layers, tobacco stains, etc. from dentures, bridges, crowns, spatulas, glass, etc.; also removes corrosion and flux residues.
- Excellent compatibility with materials.
- Intensive cleaning action.
- Suitable for use in ultrasonic cleaners (e.g. Hygasonic by Dürr Dental).

Properties

MD 530 from Dürr System Hygiene is a special, acidic cleaner for the removal of acid-soluble deposits. MD 530 features intensive cleaning action. MD 530 easily cleans dentures, bridges, crowns, spatulas, glass, etc. and removes cements, calculus, oxidation layers, tobacco stains, etc. MD 530 also removes corrosion and flux residues. Use MD 530 only for instruments and objects made of acid-resistant metal, glass, porcelain or plastic.

Product composition

MD 530 is based on a combination of inorganic acids (5-15%) and surfactants (< 1%) in aqueous solution.

Directions for use

Always apply MD 530 undiluted at room temperature. Immerse components to be cleaned in MD 530 and allow for a maximum exposure time of 10 minutes. When using an ultrasonic cleaner (e.g. Hygasonic by Dürr Dental), do not pour MD 530 directly into the system, but instead pour it into a separate container to be inserted. We recommend a maximum ultrasound exposure time of 2 to 4 minutes for stainless steel instruments and a maximum ultrasound exposure time of up to 10 minutes for all other materials, e.g. glass, porcelain or plastic. After treatment, thoroughly rinse with water and allow to dry. Renew solution when necessary.

Environmental impact

The surfactants contained in MD 530 conform to OECD Guidelines and are thus biodegradable. The inorganic acids pose no risk to the environment at suitable dilutions or if neutralised. The packaging is made of polyethylene and can thus be recycled or incinerated. For recycling, flush bottles with water.

Physical data

Appearance: clear, colourless liquid

Density: $D = 1.01 \pm 0.02 \text{ g/cm}^3$ (20°C)

pH: 1.0 ± 0.5

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Shelf life

4 years

Container size

2.5-L bottle

Storage

Store product at between 5°C and room temperature.

General instructions

General and rotary instrument sets, with the exception of spatulas and condensers, are not permitted to be immersed in MD 530 (e.g. components made of light metals and non-ferrous metals or unprotected steel, burs, milling tools, root canal 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.

Hazard warnings

MD 530 is classified and labelled in accordance with the CLP Regulation: see product label and safety data sheet.

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