

Product information

MD 530 cement remover and cleaner of prostheses



MD 530 features in brief

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

Characteristics

MD 530 from Dürr System-Hygiene is a special acidic cleaner for the removal of acid-soluble deposits. MD 530 is mainly characterized by its intensive cleaning action. MD 530 easily cleans prostheses, bridges, crowns, spatulas, glass etc. and removes cement, calculus, oxidation layers, tobacco stains, etc. In addition, corrosion and flux residues can be eliminated. MD 530 may only be used for instruments and objects made of acid-resistant metal, glass, porcelain or plastic.

Chemical composition

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

Directions for use

MD 530 is used undiluted at room temperature. Place the parts to be cleaned in MD 530 and allow a maximum of ten minutes for it to take effect. When using an ultrasonic cleaner (e.g. Dürr Hygasonic), do not apply the solution directly into the tank, but pour it into a separate container insert. We recommend an exposure time of two to a maximum of four minutes for instruments made of stainless steel, and up to ten minutes for all other parts made of glass, porcelain or plastic.

Environmental behaviour

The surfactants contained in MD 530 are in accordance with the guidelines of OECD which means that they are biodegradable. If adequately diluted or neutralized, the inorganic acids are ecologically safe. 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, colourless solution

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

pH value: 1.0 ± 0.5

Shelf life

4 years

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Packaging size

2.5-litre bottle

Storage

Store product at 5°C to room temperature max.

Caution

General instrumentarium and rotating instruments, with the exception of spatulas and bungs, must not be immersed in MD 530 (e.g. parts made of light alloys or non-ferrous metals, or of unprotected steel, burs, cutters, root canal instruments).

Hazard Statement

MD 530 is classified and labelled according to the CLP Regulation: see product label and safety data sheet.

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