

Product information

MD 550 spittoon bowl cleaner



MD 550 at a glance

- Aldehyde-free ready-to-use solution for simultaneous cleaning and care of spittoons in dental treatment units - with anti-microbial action.
- Outstanding, intensive cleaning action - easily removes residues of lime, blood, plaque dye tablets, impression materials, etc.
- Effective against bacteria, Tb bacteria, and yeasts.
- Tested in accordance with European standards.
- Excellent material compatibility – contains no abrasives; will not scratch spittoons, no abrasives residues.
- Nonfoaming – suitable for all systems with amalgam separators.

Properties

MD 550 from Dürr System Hygiene is an aldehyde-free, ready-to-use special product with antimicrobial action for simultaneous cleaning and care of spittoons in dental treatment units. Unlike conventional cleaners, MD 550 is particularly suitable for all units with amalgam separators. MD 550 removes residues of lime, blood, plaque dye tablets, impression materials, etc. MD 550 features outstanding cleaning action and excellent material compatibility. MD 550 cleans intensively, has a pleasant odour, and is nonfoaming. The product contains no abrasives thus preventing scratches on spittoons and the formation of residues.

Product composition

MD 550 is based on a combination of alcohols. 100 g MD 550 contain: 40 g ethanol, surfactants, organic acids, excipients, and benzyl salicylate in aqueous solution.

Microbiological efficacy

MD 550 is effective against bacteria¹⁾, Tb bacteria¹⁾ and yeasts¹⁾. Tested in accordance with EN 13727, EN 13624, EN 14348.

¹⁾ Testing at low burden (EN 13727, EN 13624, EN 14348).

Directions for use

MD 550 is applied undiluted. Apply a few squirts of MD 550 to the spittoon and distribute evenly with uniform pressure using a brush. After applying MD 550, allow for a short exposure time and then rinse with water. The necessary exposure time is 2 minutes. Use MD 550, as necessary, but always apply it in the evening before disinfecting the suction system.

Environmental impact

MD 550 is ecologically safe because all of the active substances and other organic materials are biodegradable at suitable dilution levels in wastewater. The packaging is made of polyethylene and can thus be recycled or incinerated. For recycling, flush bottles with water.

Physical data

Appearance: clear, colourless, low-viscosity liquid

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Density: $D = 0.94 \pm 0.02 \text{ g/cm}^3$ (20°C)

pH: 2.5 ± 0.5

Viscosity: approx. 80 sec (DIN 53211)

Flash point: 23°C (DIN 51755)

Shelf life

3 years

Container size

750-mL bottle

Storage

Store product at between 5°C and room temperature.

General instructions

Do not use foaming or abrasive disinfectants or cleaning agents in spittoons. Use caution when handling alcohol-sensitive materials (e.g. acrylic glass). 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 550 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.

CE 0124

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