



THERMOTON® CLEANER

- ✓ free from phosphate
- ✓ with excellent cleaning properties

alkaline liquid cleaner for thermal and chemo-thermal reprocessing of surgical instruments

- pH > 10 acc. to RKI recommendation for prion prophylaxis
- low foaming
- contains corrosion inhibitors



CE



PRODUCT PROPERTIES

THERMOTON® CLEANER is a liquid alkaline cleaner for the thorough and residue-free cleaning of surgical instruments - also at different levels of water hardness. Foam inhibitors and corrosion inhibitors prevent interfering foaming and protect the machine and the instruments.

A pH-value > 10 in the working solution and a new cleaning system, prevent protein fixation on medical devices according to the Robert Koch Institute guidelines for prion prophylaxis.

APPLICATION AREA

THERMOTON® CLEANER is ideally suited as a cleaner for use in washer/disinfectors for thermal reprocessing of thermostable surgical instruments and medical devices at 93°C. The product can also be used for gentle cleaning in chemo-thermal reprocessing procedures at 60°C for MIC instruments and thermo labile medical devices such as anaesthetic tubing and medical devices based on rubber, plastics and elastomers.

For cleaning programs for sector A and B according to the Robert Koch Institute as well as for Vario TD programs. Approved for the use in Miele machines.

APPLICATION

Put instruments - if possible immediately after use or after manual reprocessing - into the machine according to instructions (e.g. hygiene plan or disinfection plan). Every surface and cavity must be accessible for the washing liquor.

Do not overload machine to assure a complete cleaning of every part of the instrument. Disassemble instruments if needed according to manufacturer's instructions and open hinge instruments.

Dental materials adhering to the dental instruments need to be removed before the reprocessing procedure takes part, this also applies to soda lime residues on breathing systems.

To avoid corrosion and discolouration use only demineralised water, at least for the final rinsing cycle.

Clean microsurgical instruments only with the help of special racks, for a secure fixation.

DOSAGE

Reprocessing of surgical instruments and other medical devices: depending on soiling/water quality 0.3 - 0.7 %

COMPOSITION

Potassium hydroxide, phosphonates <5% silicates, complexing agents, corrosion inhibitors.

CHEMICAL-/PHYSICAL PROPERTIES

Appearance of the concentrate: clear, colourless solution
 pH-value 0.5 % solution: 10.1
 pH-value, concentrate: 13 - 14
 Specific gravity (20 °C): ca. 1.12 g/ml

DELIVERY UNITS

single unit	delivery unit	PZN	REF-No.
5 L container	3 x 5 L	-	00-117-050
30 kg container	1 x 30 kg	-	00-117-300
200 kg bulk container	1 x 200 kg	-	-





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APPLICATION AIDS

Tap for container, metering pump for container.

SPECIAL INFORMATION

Causes severe burns. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. This material and its container must be disposed in as safe way. Wear suitable protective clothing, gloves and eye/face protection.

In case of accident or if you feel unwell, seek medical advice. Keep out of reach of children.

Do not use for alkali-sensitive materials.

PRODUCT STATUS

Conforms to the EU-guideline 93/42 EC for medical devices. Product for professional use only.

ENVIRONMENTAL INFORMATION

The products of Dr. Schumacher GmbH are manufactured according to modern, safe and environmentally friendly processes. Due to the compliance with high quality standards the constant and very good product quality can be guaranteed. The company is certified according to DIN EN ISO 13485, DIN EN 9001, DIN EN 14001 & BS OHSAS 18001 and has a validated eco management system (EMAS).

