deconex® MT 22

Alkaline cleaning agent

For parts cleaning in the manufacturing of medical devices

Usage

This product is recommended when particularly sensitive materials such as aluminium parts must be cleaned alone or with other items.

The product is suitable for the cleaning of instruments and implants in the following cleaning steps:
– Intermediate cleaning
– Fine cleaning
– Final cleaning

In interim cleaning in spraying and ultrasound systems, the product removes tough residues such as:
– Polishing pastes
– Processing brine

In fine and final cleaning in ultrasound, the product removes mild residues such as:
– Residues of polishing pastes
– Traces of oil
– Fingerprints
– Dust
– Salts

Properties

deconex® MT 22 is:
– Free of corrosion protection agents
– Free of perfumes
– Free of dyes

The product is also:
– Tenside-free
– Chlorine-free
– Biologically easily degradable

Ingredients

– Alkali

Application

The following application conditions have been found to be effective in practice:

Cleaning	Dosage	Temperature	Exposure time
Use in interim cleaning in spraying systems	0.5-2%	50-75 °C	3-10 min
Use in interim, fine and final cleaning in ultrasound systems	1-5%	50-75 °C	5-15 min

The process parameters (time, concentration, temperature) must be adjusted to the parts/materials to be cleaned.

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Instructions for use

For optimum use in spraying systems, the following is recommended:
– Prevent rinsing shadows. (Check loading)
– Then use deconex® MT 27 or deconex® MT 30 for optimum cleaning performance
– Use demineralised water for final rinsing

For optimum use in ultrasound systems, the following is recommended:
– Prevent the formation of air bubbles in hollow spaces and shadowing of the ultrasound. (Check loading)
– For tough contamination, we recommend placing parts into the immersion bath to prevent them from drying
– Use deconex® MT 32 afterwards for optimum rinsing performance
– Use demineralised water for final rinsing

Adjust the ultrasound power level to the process conditions and system details. It should be at least 10 watts/litre.

Always immerse substrates fully in the cleaning bath.

When arranging the substrates in the cleaning basket, avoid the formation of air bubbles in hollow spaces and shadowing of the ultrasound beam.

For professional use only.

To meet the strictest requirements of the medical device industry, we recommend using the product in demineralised water.

Material compatibility

Suitable for:
– Stainless steel
– Titanium alloys
– Pure titanium
– Co-Cr-Mo
– UHMW-PE
– PEEK
– Fibre composite materials
– Bioceramics
– Aluminium

Chemical-physical data

pH value	1% in demineralised water	approx. 11.8
Density	Concentrate	1.36 g/mL
Appearance	Concentrate	clear, colourless

Additional information

Information regarding safety in the workplace, storage and disposal / waste water can be found on the safety data sheet for this product.

Locally applicable waste water and disposal regulations must be complied with.

Benefit from our expertise! Ask us for practical information about your specific application.

Delivery

Please ask your representative regarding current container sizes.

Containers, screw caps, seals and labels are made from recyclable polyethylene.

Manufacturer:
Borer Chemie AG
Gewerbestrasse 13, 4528 Zuchwil / Switzerland
Tel +41 32 686 56 00 Fax +41 32 686 56 90
office@borer.ch, www.borer.swiss

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