

deconex® MT 16



Strongly alkaline cleaning agent

For parts cleaning in the manufacturing of medical devices



Usage

The product is suitable for the cleaning of instruments and implants in the cleaning step:

- Intermediate cleaning

In interim cleaning, the product removes tough residues such as:

- Polishing pastes
- Processing brine
- Oil emulsions

Properties

deconex® MT 16 is:

- Free of corrosion protection agents
- Free of perfumes
- Free of dyes

The product is also:

- Phosphate-free
- Chlorine-free
- Biologically easily degradable

Ingredients

- Surfactants
- Chelating agents
- 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% | 55-75 °C | 3-10 min |
| Use in interim cleaning in ultrasound systems | 1-5% | 50-75 °C | 5-15 min |

This product is low-foaming from 53°C.

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

Instructions for use

For optimum use in spraying systems, the following is recommended:

- Prevent rinsing shadows. (Check loading)
- Use deconex® MT 32 afterwards for optimum rinsing 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)
- 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.

Not suitable for aluminium and materials sensitive to alkaline chemicals.

Foam-free from about 55 °C. To prevent foaming, the product should only be added to water above this temperature.

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
- Pure titanium
- Co-Cr-Mo
- UHMW-PE
- PEEK
- Fibre composite materials
- Bioceramics

Chemical-physical data

| | | |
|------------|---------------------------|---------------|
| pH value | 1% in demineralised water | approx. 12.7 |
| Density | Concentrate | 1.29 g/mL |
| Appearance | Concentrate | clear, yellow |

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

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