

# deconex<sup>®</sup> MT 12



## Alkaline cleaning agent

For parts cleaning in the manufacturing of medical devices



### Usage

deconex<sup>®</sup> MT 12 is used in combination with deconex<sup>®</sup> MT 13. The combination of the two concentrated products provides extremely good cleaning performance.

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, the combination of deconex<sup>®</sup> MT 12 and deconex<sup>®</sup> MT 13 can remove particularly tough residues such as:

- Polishing pastes
- Processing brine

In fine and final cleaning, the combination removes mild residues such as:

- Residues of polishing pastes
- Traces of oil
- Fingerprints
- Dust
- Salts

### Application

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

| Cleaning  | Dosage | Temperature | Exposure time |
|---|--------|-------------|---------------|
| 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.

### Properties

deconex<sup>®</sup> MT 12 is:

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

The product is also:

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

### Ingredients

- Surfactants
- Alkali

# deconex® MT 12

## Instructions for use

For optimum use, the following is recommended:

- Prevent the formation of air bubbles in hollow spaces and shadowing of the ultrasound. (Check loading)
- Then use deconex® MT 32 as a finish for optimum cleaning 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.

For professional use only.

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

## Chemical-physical data

|            |                           |                        |
|------------|---------------------------|------------------------|
| pH value   | 1% in demineralised water | approx. 11.2           |
| Density    | concentrate               | 1.03 g/mL              |
| Appearance | concentrate               | clear, yellow to brown |

## 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.

## Material compatibility

Suitable for:

- Stainless steel
- Titanium alloys
- Pure titanium
- Co-Cr-Mo
- UHMW-PE
- PEEK
- Fibre composite materials
- Bioceramics

## Delivery

Please ask your representative regarding current container sizes.

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

## Manufacturer:

### Borer Chemie AG

Gewerbstrasse 13, 4528 Zuchwil / Switzerland

Tel +41 32 686 56 00 Fax +41 32 686 56 90

office@borer.ch, www.borer.swiss

All information provided is based on our knowledge as it currently stands, however it does not constitute any guarantee of product properties and does not form the basis of any legal relationship.