

# deconex® 16 NT

## Neutral cleaning concentrate, free of phosphate and silicate

For use in soaking baths and ultrasonic cleaning systems



### Application

deconex® 16 NT is a liquid, neutral concentrate for the automatic cleaning of sensitive components made of metal and metal alloys (as well as aluminium and zinc) but it is only partly suitable for acrylic glass.

deconex® 16 NT has been developed in particular for the application in industries, where a most careful treatment of parts to be cleaned is necessary. Owing to its special organic compounds deconex® 16 NT is already fully efficient in the neutral field.

deconex® 16 NT removes easily adhering contamination of organic as well as of inorganic origin.

### Properties

deconex® 16 NT considerably reduces the surface tension of the cleaning solution and because of its wetting performance it removes contamination easily. The excellent emulsifying and dispersing capabilities prevent removed particles from being redeposited. Special tensio-active surfactants guarantee absolute rinsing after cleaning.

deconex® 16 NT is based on a phosphate- and silicate-free formula. Instead of etchant or corrosive substances such as potassium hydroxides and free chlorine mild cleaning enhancers have been used to make the product safe for materials.

### Ingredients

Surface active compounds, surfactants, solvent, sequestering agents

### Dosage

The optimum function is achieved within a relatively limited dosage. The use of demineralized water is strictly recommended.

| Dosage | Temperature | Exposure time |
|--------|-------------|---------------|
| 3-5 %  | 60-80 °C    | 3-10 min      |

The cleaning procedure is accelerated by raising the temperature of the solution. The time necessary is roughly halved for each increase of 10 °C.

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## Material compatibility

Suitable for:  
Most metals and metal alloys, aluminium, zinc, glass, ceramic,  
precious stones

For materials not mentioned please make your own specific  
compatibility tests or consult Borer Chemie AG.

Partly suitable for:  
Acrylic glass

## Chemical/physical data

|            |                      |                                |
|------------|----------------------|--------------------------------|
| pH values  | 1-5 %<br>concentrate | 7.0<br>7.0                     |
| Density    | concentrate          | 1.00 g/mL                      |
| Appearance | concentrate          | clear, light yellowish liquide |

## Availability

Please ask your local representative about current container  
sizes.

Containers, screw caps and labels are made of recyclable  
polyethylene.

## Additional information

For information concerning safety at work, storage and waste  
disposal/effluent, please consult the corresponding safety data  
sheet.

Take advantage of our vast know-how! Please, contact us for  
further information regarding your specific application.

### Manufacturer:

#### Borer Chemie AG

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