

# 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

Partly suitable for:  
Acrylic glass

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

## Chemical/physical data

pH values	1-5% concentrate	7.0 7.0
Density	concentrate	1.00 g/ml
Appearance	concentrate	clear, light yellowish liquide
Titrate procedure	100 ml basis	0.1 n hydrochloric acid
Consumption of 0.1 n HCl	1.6 ml/weight %	Phenolphthalein

## 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.



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## Manufacturer:

### Borer Chemie AG

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