

# deconex® HT 1207

## Mildly alkaline cleaning concentrate for corrosion-sensitive metals

For use in soaking baths and ultrasonic cleaning systems



### Application

deconex® HT 1207 is a liquid, mildly alkaline cleaning concentrate for the removal of cutting oils, oil emulsions as well as polishing pastes from corrosion-sensitive metals.

The product is suitable for both pre-cleaning and final cleaning as well as for cleaning prior to galvanic coating, prior to electrolytic degreasing and prior to solvent drying.

### Properties

Due to its special surfactants, deconex® HT 1207 effectively removes various cutting oils, oil emulsions and polishing pastes.

### Dosage

In practice, the following dosage has given good results:

Dosage	Temperature	Exposure time
2-5%	50-70 °C	3-10 min

The product must be diluted with softened water. The use of reverse osmosis (RO) or fully demineralized water is recommended.

### Information on use

#### Neutralization

The spent cleaning solution must be neutralized before it is discharged into drains or sewage works. To attain a pH of about 7-8 requires 240 g of 25% hydrochloric acid or 125 g of 60% sulphuric acid per kg of deconex® HT 1207 (concentrate).

Disposal of the detergent solution including removed contamination must be carried out in accordance with the local regulations for wastewater!

At the same time, the product has an excellent rinsability, permitting its use prior to galvanic coating and prior to solvent drying.

Due to the integrated corrosion inhibitors and its mild alkalinity, the product has excellent material compatibility and is therefore suitable for use with sensitive metals such as aluminium, zinc and bronze. Since no complexing agents are used, the product is also compatible with carbides.

### Ingredients

Alkalis, corrosion inhibitor, surfactants

### Material compatibility

Suitable for:

Non-ferrous metals, stainless steel, inox, precious metals, aluminium, steel, titanium, nickel, zinc, carbides, HSS, mother-of-pearl

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

# deconex® HT 1207

## Chemical/physical data

pH	1% solution in demineralized water	approx. 9.2
Density	concentrate	1.04 g/mL
Appearance	concentrate	transparent, light brown liquid

## 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**

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 current knowledge and it does not constitute a legally binding assurance of specific product properties.



advanced cleaning solutions