

# deconex® HT 1170

**Mildly alkaline degreasing agent and polishing paste remover for corrosion-sensitive metals, with corrosion inhibitor**

For use in soaking baths and ultrasonic cleaning systems



## Application

deconex® HT 1170 is a liquid, mildly alkaline cleaning concentrate for the removal of cutting oils, corrosion protecting oils, oil emulsions as well as residues of polishing compounds, especially on corrosion-sensitive metals.

The product can also be used in combination with other alkaline products. Suitable for both pre-cleaning and final cleaning.

## Properties

deconex® HT 1170 was specially developed for degreasing and removing polishing pastes from corrosion-sensitive metals.

Due to its surfactants, it has outstanding degreasing properties and removes effectively polishing paste residues of all types. The product's integrated temporary corrosion inhibitor prevents corrosion on metal surfaces during rinsing.

deconex® HT 1170 has basically a demulsifying effect for removed oils and greases.

## Ingredients

Alkalis, surfactants, corrosion inhibitor

## 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 used with reverse osmosis (RO) or fully demineralized water.

## 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 494 g of 25% hydrochloric acid or 262 g of 60% sulphuric acid per kg of deconex® HT 1170 (concentrate).

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

## Material compatibility

Suitable for:

Stainless steel, inox, steel, titanium, carbides, HSS

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

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## Chemical/physical data

pH	1% solution in demineralized water	approx. 10.3
Density	concentrate	1.03 g/mL
Appearance	concentrate	transparent, yellow to 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**

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