

# deconex® HT 1169

## Mildly alkaline cleaning concentrate for metals

For use in soaking baths and ultrasonic cleaning systems



### Application

deconex® HT 1169 is a liquid, mildly alkaline, highly effective cleaning concentrate for the removal of cutting oils, oil emulsions as well as residues of polishing compounds on various metals.

deconex® HT 1169 is suitable for both pre-cleaning and final cleaning.

### Properties

deconex® HT 1169 considerably reduces the surface tension of the cleaning solution and, due to its good wetting capability, effectively removes widely different oils, greases and residues of polishing compounds.

Furthermore, the product removes oxide films, especially on non-ferrous metals, and has a brightening effect on surfaces.

### Ingredients

Alkalis, complexing agents, corrosion inhibitor, surfactants

### Dosage

In practice, the following dosage has given good results:

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

### 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 456 g of 25% hydrochloric acid or 228 g of 60% sulphuric acid per kg of deconex® HT 1169 (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:

Non-ferrous metals, stainless steel, inox, steel, precious metals, titanium, nickel

#### Not suitable for:

Zinc, tin and aluminium

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. 10.2
Density	concentrate	1.06 g/mL
Appearance	concentrate	clear, 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

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