

# deconex® HT 1233

**Mildly alkaline cleaning concentrate  
for corrosion-sensitive metals, with  
hydrophobic corrosion protection**

For use in soaking baths and ultrasonic cleaning systems



## Application

deconex® HT 1233 is a liquid, mildly alkaline cleaning concentrate for the removal of cutting oils, corrosion protecting oils as well as oil emulsions, especially on corrosion-sensitive metals such as steel, HSS and carbides.

It is suitable for both pre-cleaning and final cleaning. However, it is very frequently used in the final cleaning step prior to coating.

## Properties

deconex® HT 1233 was especially developed for degreasing steel, HSS and carbides.

## Dosage

In practice, the following dosage has given good results:

Dosage	Temperature	Exposure time
3-5 %	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 341 g of 25% hydrochloric acid or 175 g of 60% sulphuric acid per kg of deconex® HT 1233 (concentrate).

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

Due to its surfactants, it has outstanding degreasing properties. The product can be rinsed easily and leaves no stains following drying.

The integrated corrosion inhibitor with hydrophobic effect prevents the corrosion of metals during rinsing and simplifies drying.

## Ingredients

Alkalis, surfactants, corrosion inhibitor

## Material compatibility

Suitable for:

Stainless steel, inox, steel, HSS, carbides, titanium, non-ferrous metals, aluminium, zinc

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. 9.2
Density	concentrate	1.06 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

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