

# deconex® HT 1015

## Highly alkaline cleaner for hard metals and HSS-steel parts

Suitable for use in soaking baths and ultrasonic  
cleaning systems



### Application

deconex® HT 1015 is a highly alkaline liquid cleaning concentrate for removing of anticorrosive protective oils and stubborn emulsion residues from hard metals and HSS-steel parts prior to PVD/CVD coating.

deconex® HT 1015 is used in ultrasonic precleaning or in the intermediate cleaning step. The product can also be used in combination with deconex® HT 1217.

### Dosage

In practice, the following dosage has given good results:

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

The use of softened water prolongs the useful bath lifetime.

### Material compatibility

Suitable for:

Hard metals, HSS-steel, stainless steel, steel, non-ferrous metals

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

### Properties

Due to special alkaline ingredients, surfactants and complexing agents, deconex® HT 1015 ensures excellent removal of a wide range of anticorrosive protective oils and the most stubborn emulsion residues. Contaminants in the form of salts are also effectively removed.

To prevent cobalt leaching, the product contains a special corrosion inhibitor.

### Ingredients

Alkalis, complexing agents, surfactant compounds, corrosion inhibitor

### 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 304 mL of 25% hydrochloric acid or 110 mL of 60% sulphuric acid per kg of deconex® HT 1015 (concentrate).

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

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## Chemical/physical data

pH	1% solution in demineralized water	approx. 12.3
Density	concentrate	approx. 1.16 g/mL
Appearance	concentrate	clear, colourless to yellow

## 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

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