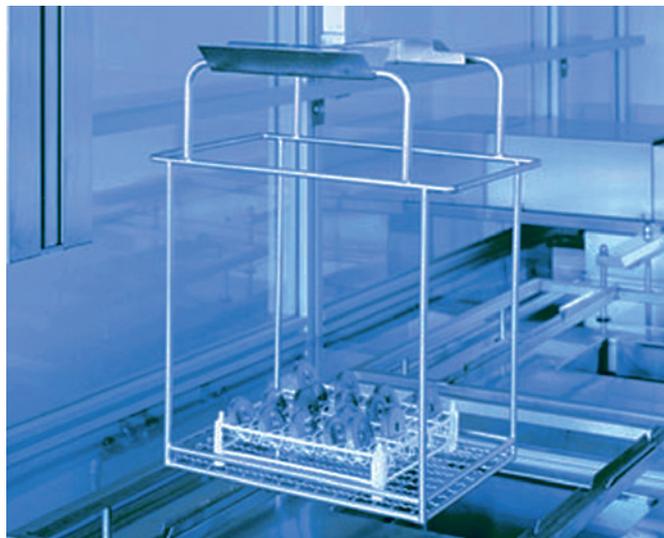


deconex® HT 1015

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!

deconex® HT 1015

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

Gewerbestrasse 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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advanced cleaning solutions