

deconex® HT 1401

**Highly alkaline cleaner hard metals,
HSS parts and copper alloys**

For use in soaking baths and ultrasonic cleaning systems



Application

deconex® HT 1401 is a highly alkaline liquid cleaning concentrate for removing machining oils, corrosion proofing oils, stubborn residues, alkali-soluble adhesives and protective lacquers from hard metals, HSS parts, steel, stainless steel and copper alloys.

deconex® HT 1401 is primarily used with ultrasonic cleaners during the pre-cleaning step.

It can be used in combination with other selected products.

Properties

deconex® HT 1401 this alkali cleaner is combined with surfactant compounds and complexing agents to ensure excellent removal rates of even the most stubborn contamination.

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

A sequestering agent effectively prevents the redeposition on the substrate of the loose material already removed. The product formulation provides a high emulsifying effect on resin and colophonium and thereby considerably lengthens bath service life.

deconex® HT 1401 does not contain NTA.

Ingredients

Alkalies, complexing agents, surfactant compounds, corrosion inhibitor

Dosage

In practice, the following dosages have given good results:

Cleaning	Dosage	Temperature	Exposure time
Ultrasonic cleaning system	2-5%	50-70 °C	3-10 min

Suitable for use with tap water.

Material compatibility

Suitable for:

Hard metals, HSS, stainless steel, steel, copper alloys, titanium

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%	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

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