

# 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.

## 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

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

Alkalis, complexing agents, surfactant compounds, corrosion inhibitor

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

# deconex® HT 1401

## 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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