

deconex® HT 1400

Highly alkaline cleaning concentrate for metal working applications

For use in soaking baths and ultrasonic cleaning systems



Application

deconex® HT 1400 is a liquid, highly alkaline cleaning concentrate for removing polishing compound and abrasive paste residues, resins, colophonium, machining oils and oil emulsions from steel, stainless steel and precious metals.

deconex® HT 1400 is primarily used with ultrasonic cleaners during the pre-cleaning step. It can be used in combination with other selected products.

Properties

deconex® HT 1400 has a high alkaline content to ensure a strong cleaning action. Surfactant compounds guarantee optimum wetting of the substrate and aid the rapid removal of 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:
Steel, stainless steel, precious metals

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 1400 does not contain NTA.

Ingredients

Alkalis, complexing agents, sequestering agents, solubiliser, surface active compounds.

Not suitable for:
Aluminium, tin, zinc and copper alloys.

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

deconex® HT 1400

Chemical/physical data

pH	1% solution in demineralized water	approx. 12.6
Density	concentrate	1.33 g/mL
Appearance	concentrate	clear, colourless to slightly 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

All information provided is based on our current knowledge and it does not constitute a legally binding assurance of specific product properties.