

deconex® HT 1201

**Mildly alkaline cleaning concentrate
for metals, with hydrophobic corrosion
inhibitor**

For use in soaking baths and ultrasonic cleaning
systems



Application

deconex HT 1201 is a liquid, mildly alkaline, highly effective cleaning concentrate for the removal of cutting oils, oil emulsions and residues of polishing compounds on various metals.

deconex HT 1201 is suitable for both pre-cleaning and final cleaning.

Properties

deconex HT 1201 considerably reduces the surface tension of the cleaning solution and, due to its good wetting capability, effectively removes various oils, greases and residues of polishing compounds. Furthermore, the product removes oxide films, especially on non-ferrous metals and has a brightening effect on surfaces.

Dosage

In practice, the following dosage has given good results:

Dosage	Temperature	Exposure time
2-5%	50-70 °C	3-10 min

The product must be diluted with reverse osmosis (RO) or fully demineralized water.

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 220 g of 25% hydrochloric acid or 117 g of 60% sulphuric acid per kg of deconex HT 1201 (concentrate).

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

The product's integrated temporary corrosion inhibitor prevents corrosion on metal surfaces during rinsing and simplifies the drying process.

The excellent compatibility with aluminium and zinc is particularly advantageous.

Ingredients

Alkalis, solvent, corrosion inhibitor, surfactants

Material compatibility

Suitable for:

Non-ferrous metals, stainless steel, inox, precious metals, steel, titanium, nickel, aluminium, zinc, mother-of-pearl

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% solution in demineralized water	approx. 9.4
Density	concentrate	1.07 g/ml
Appearance	concentrate	transparent, brown liquid

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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