

deconex® HT 1218

Strongly acid cleaning concentrate for removing lapping pastes, oxide films and annealing colors

Suitable for use in soaking baths and ultrasonic cleaning systems



Application

deconex® HT 1218 is a liquid, strongly acid cleaning concentrate for the removal of lapping pastes from various metals and ceramics. It also removes oxide films and annealing colors from various metals, especially from non-ferrous and hard metals.

Properties

Due to integrated special surfactant compounds, deconex® HT 1218 removes lapping pastes from various metals and ceramics.

It also removes oxide films from non-ferrous metals as well as annealing colors from hard metals evenly, due to its excellent wetting capability.

Special corrosion inhibitors prevent a new corrosion during the rinsing step.

Ingredients

Inorganic acids, surfactant compounds, corrosion inhibitors

Dosage

In practice, the following dosage has given good results:

Dosage	Temperature	Exposure time
2-10%	40-70 °C	2-5 min

Information on use

Neutralisation

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 815 ml of 50% potassium hydroxide solution per kg of deconex® HT 1218 (concentrate).

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

Material compatibility

Suitable for:

Precious metals, stainless steel, non-ferrous metals, chromium-plated metal, glass, plastics, semi-precious stones, quartz, ceramics

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

deconex® HT 1218

Chemical/physical data

pH	1% solution in demineralized water	approx. 2.05
Density	concentrate	1.36 g/mL
Appearance	concentrate	transparent, colourless to slightly yellowish 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

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.