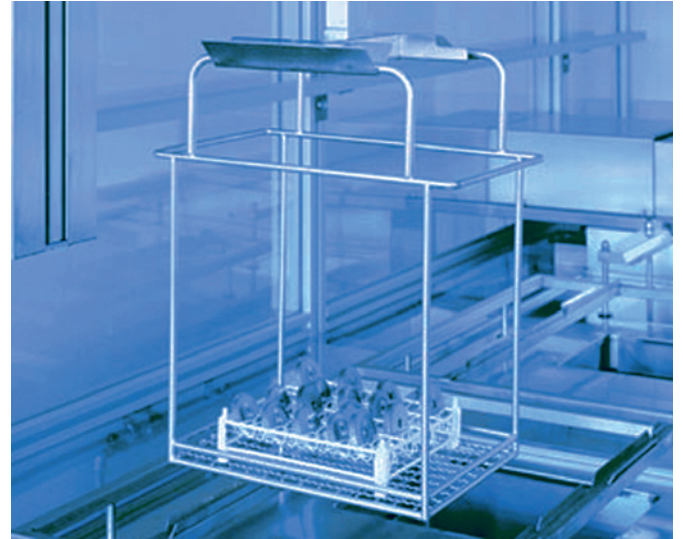


deconex® HT 1403

**Cleaning concentrate to remove
polymeric compounds, resins and
adhesives**

For use in soaking baths and ultrasonic cleaning
systems



Application

deconex® HT 1403 is a liquid, alkaline cleaning concentrate to remove synthetic resins (e.g. polyvinyl acetate) and other polymeric adhesives.

Properties

deconex® HT 1403 has excellent emulsifying capabilities and particles of resin are easily removed because of its good wetting performances.

The partially chemical dissolving and the emulsifying of the resin prevents a redeposition of the removed resin to the surface. Consequently, the solution's life time and efficacy will be extended.

Dosage

It is recommended, to carry out your own cleaning tests in order to optimise temperature, concentration and exposure time.

In practice, the following dosage has given good:

Dosage in ultrasonic equipment	Concentration	Temperature	Exposure time
Ultrasonic bath	20-50%	60-80 °C	10-20 min

The cleaning in ultrasonic systems is recommended and accelerates the cleaning and separation process considerably.

It is possible that an increased loss of water can lead to a phase separation of the solution. Therefore, it is essential that the evaporated water is replenished regularly.

Approximately 15 g of resin per litre can be collected when used in a concentration of 50%. If this limit is exceeded, the cleaning process will be prolonged considerably.

Ingredients

Alkalis, complexing agents, solvent, solubiliser, surfactants

To avoid precipitation it is recommended to use demineralized water for preparing the solution. A periodical replacement of the solution is necessary, depending on the volume of substrates and the intensity of use.

deconex® HT 1403

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 162 mL of 25% hydrochloric acid or 82 mL of 60% sulphuric acid per kg of deconex® HT 1403 (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:

Glass, precious metals, stainless steel, precious stones, lead crystal, quartz, synthetic materials, ceramic, ferrous metals

Not suitable for:

Aluminium, tin, zinc, non-ferrous metals and NBR

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

Chemical/physical data

pH values	1%	11.9
	10%	12.9
	50%	13.7
Density	concentrate	1.07 g/mL
Appearance	concentrate	clear, light yellowish

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

Gewerbestrasse 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.