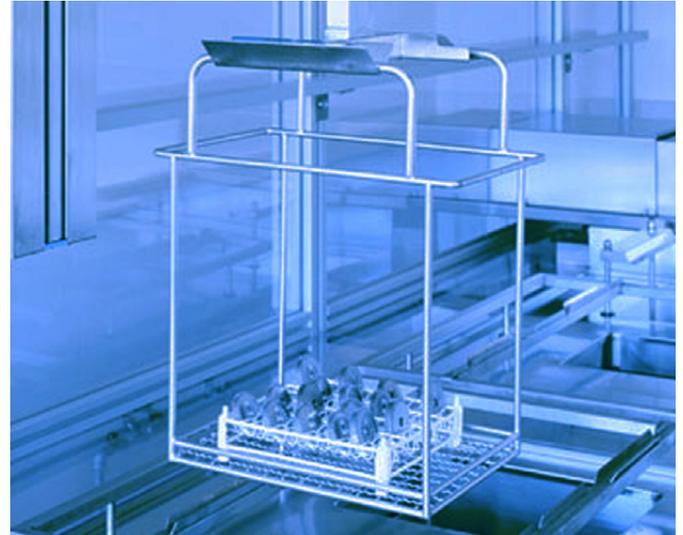


# deconex® HT 1403

**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

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