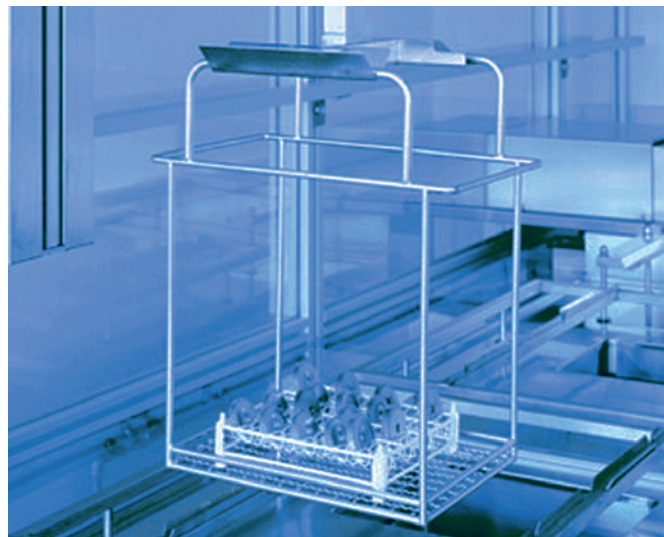


# deconex® HT 1053

**Mildly alkaline, surfactant-containing spray cleaner for hard metals and HSS steel parts**

Suitable for spray and sprinkling cleaning systems



## Application

deconex® HT 1053 is a mildly alkaline liquid surfactant-containing cleaning concentrate. It is used for the removal of anticorrosive protective oils and residues of emulsions from hard metals and HSS steel parts prior to PVD/CVD coating. deconex® HT 1053 can also be used in combination with other specified products.

deconex® HT 1053 is used in spray cleaning systems or in sprinkling modules in ultrasonic cleaning systems.

## Properties

Due to its formulation with different surfactants, deconex® HT 1053 is very effective for the removal of all types of anticorrosive protective oils and emulsion residues. This makes the product very suitable for precleaning hard metals and HSS steel parts. deconex® HT 1053 can also be used for final cleaning.

## Dosage

In practice, the following dosage has given good results:

Cleaning process	Dosage	Temperature	Exposure time
Spray cleaning with storage tank	2-5%	50-70 °C	3-5 min
Spray cleaning without storage tank	0.2-1%	50-70 °C	3-5 min

The use of softened or demineralized water is recommended.

## Information on use

Because of the moderate tendency to foam at low temperatures, the product should only be added to the water at temperatures above 40° C.

### 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 283 mL of 25% hydrochloric acid or 167 mL of 60% sulphuric acid per kg of deconex® HT 1053 (concentrate).

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

deconex® HT 1053 exhibits a rather demulsifying behaviour with respect to detached oils and greases. This also makes it suitable for use in storage tanks with oil separators. Special corrosion inhibitors guarantee that parts are effectively protected against corrosive attack during the cleaning step.

## Note

The colour of this product may change over time. This does not impair the product's function.

## Ingredients

Alkalis, surfactant compounds, corrosion inhibitor

## Material compatibility

Suitable for:  
Carbide, HSS steel, steel, stainless steel, non-ferrous metals

Conditionally suitable for: Aluminium  
(Not every type of aluminium and aluminium alloy is suitable, so material compatibility tests should be carried out.)

# deconex® HT 1053

## Chemical/physical data

pH	1% solution in demineralized water	approx. 8.8
Density	concentrate	1.05 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

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