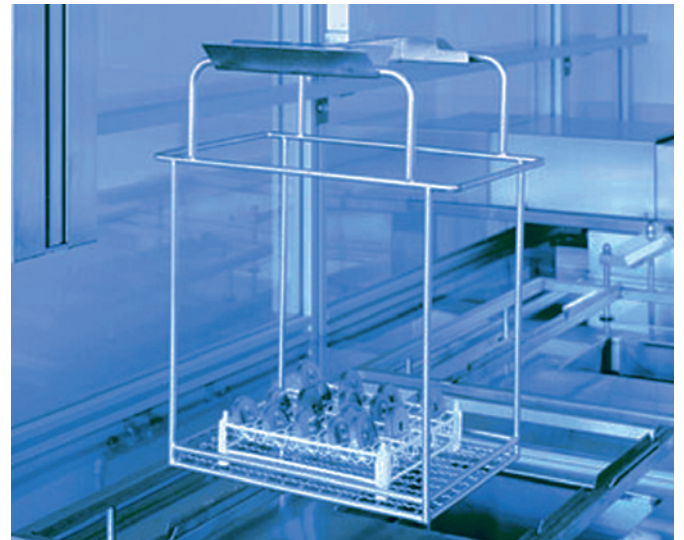


deconex® HT 1054

Mildly alkaline spray cleaner for hard metals and HSS steel parts

Suitable for spray and sprinkling cleaning systems



Application

deconex® HT 1054 is a mildly alkaline liquid cleaning concentrate with complexing agents. It is used for the removal of anticorrosive protective oils, residues of emulsions and salts from hard metals and HSS steel parts prior to PVD/CVD coating. deconex® HT 1054 can also be used in combination with other specified products.

deconex® HT 1054 is used in spray cleaning systems or in sprinkling modules in ultrasonic cleaning systems.

Properties

Due to its mild alkalinity and the use of complexing and sequestering agents, deconex® HT 1054 very effectively removes anticorrosive protective oils, oil emulsions and residues of salts. This makes the product especially suitable for hard metal and HSS steel parts that are delivered with large residues of emulsions and salts.

deconex® HT 1054 contains a special corrosion inhibitor for protection against cobalt leaching.

Ingredients

Alkalis, corrosion inhibitors, complexing agents, sequestering agents

Dosage

In practice, the following dosage has given good results:

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

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 194 mL of 25% hydrochloric acid or 114 mL of 60% sulphuric acid per kg of deconex® HT 1054 (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:

Carbide, HSS steel, steel, stainless steel, non-ferrous metals

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. 11.7
Density	concentrate	1.30 g/mL
Appearance	concentrate	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:

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