

deconex® HT 1239

Mildly alkaline special cleaner for steel, HSS steel and carbides, can also be used as a corrosion inhibitor

Suitable for use in soaking baths and ultrasonic cleaning systems



Application

deconex® HT 1239 is a liquid, mildly alkaline cleaning concentrate suitable for removing polishing pastes, water-soluble adhesives and water-soluble protective lacquers on steels, including HSS steel, and on carbides.

deconex® HT 1239 is also used as a liquid corrosion inhibitor for steels, including HSS steel, and on carbides. It prevents the formation of rust during the final rinsing process and subsequent drying. The product also offers long-term protection against corrosion. This means it can also be used as a corrosion inhibitor outside the cleaning process.

deconex® HT 1239 is used in immersion and ultrasonic baths with fully demineralised water. In a cleaning process, it is used in the pre-cleaning stage. When used as a corrosion inhibitor, it is used in a standing bath of DI water prior to the final DI water rinse or in the last DI water rinsing bath.

Application

The following application conditions have been found to be effective in practice:

Cleaning	Dosage	Temperature
Pre-cleaning	1.0% to 3.0%	50°C - 75°C
Corrosion protection	Dosage	Temperature
	0.1% to 5.0%	20°C - 50°C

The cleaning concentration and the corrosion protection concentration may vary, depending on the degree of soiling or base material. The process parameters (time and temperature) must also be adjusted to the base materials to be cleaned.

Properties

Thanks to its specific composition, deconex® HT 1239 has excellent dissolving and cleaning properties in relation to polishing pastes. It can remove even stubborn adhesive residue from films and water-soluble protective glazes.

deconex® HT 1239 also contains special corrosion inhibitors that bond with the substrate, preventing corrosion in the final water rinse, as well as during drying and subsequent storage.

deconex® HT 1239 is also compatible with copper alloys.

Ingredients

Solubiliser, corrosion inhibitor, neutraliser

deconex® HT 1239

Chemical-physical data

pH value	1% in demineralised water	approx. 10.3
Density	Concentrate	1.04 g/mL
Appearance	Concentrate	Clear, yellow to brown

Instructions for use

Only for use in fully demineralised water.

The ready-to-use corrosion protection solution must be used as a standing bath and must not be connected to an ultra-pure water treatment plant.

For professional use only.

Local waste water regulations must be complied with when disposing of any transferred soiling.

Material compatibility

Suitable for:
Steel, HSS steel, carbide

For materials not mentioned above we recommend compatibility testing, or please consult Borer Chemie AG.

Additional information

The containers, seals and labels are made from recyclable polyethylene.

For information concerning safety at work, storage and waste disposal/effluent, please consult the corresponding safety data sheet.

Benefit from our expertise! Please contact us for practical information regarding your specific application.

Availability

Please ask your local representative about available container sizes.

Manufacturer:

Borer Chemie AG

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