

# Technical Information

## hebro<sup>®</sup>Ian TN

water-miscible, neutral, liquid, immersion cleaner

### Characteristic structure

Lye	Phosphate	Silikate	Borate	Amine	Tenside
-	X	-	-	X	X

hebro<sup>®</sup>Ian TN is a neutral cleaner for immersion cleaning systems. It can be used on steel, galvanized steel, non-ferrous metals and aluminum.

### Properties

- Very good cleaning of drawing oils and greases, as well as resinous oils and cooling lubricants.
- Very good demulsifying behavior.
- Built-in corrosion inhibitors temporarily protect steel and non-ferrous metals.

### Technical data

Appearance	Odor	pH-value 1%	Density at 20°C (ASTM D 7042)	nD25
green	typical	7,9	1,14 g/cm <sup>3</sup>	1,3723

### Monitoring

Volume	Indicator	Titration	Factor	Calculation
10 ml	Test Indicator 3	Test Solution 45	0,9	ml Titration x Factor = Vol%

### Bath control

- Concentration: 1-5%
- Temperature: up to 70°C
- Process time: 1-10 minutes

### Information

The maximum shelf life in the original sealed container is 12 months from the date of production.

The product should be stored frost-free between 5-40°C.

Empty containers can be disposed via our Interseroh system.

The information given in this data sheet is based on the properties and possible applications known to us. In general, however, no legally binding nature can be derived from these data. We reserve the right to make changes to the product if these are necessary due to legislation or loss of raw materials.