



## An overview of hebro products.

Versatile products for a wide range of applications.

- Paint detackification products and water treatments
- Cutting fluids and oils
- Technical cleaners
- Maintenance and repair products

## Product group I

# ■ Paint detackification products and water treatments

### Paint flotation detackification products

The **hebro**®prenol series: highly effective paint detackification product for use in paint spray systems employing flotation extraction

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#### ■ **hebro**®prenol 440

*Universal paint detackification product, bentonite-based, easy to meter, effective even where water hardness is low <sup>1,2</sup>*

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#### ■ **hebro**®prenol 440/20

*Paint detackification product for hard-to-spray paints, bentonite-based, good flotation properties <sup>1</sup>*

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#### ■ **hebro**®prenol FL 980

*Paint detackification product for paints that do not readily float to the surface, bentonite-based, medium detackification properties <sup>1</sup>*

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#### ■ **hebro**®prenol FL 1000

*Easy-to-meter hectorite-based paint detackification product, very effective in acidic pH values <sup>1,2</sup>*

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#### ■ **hebro**®prenol FL 1080

*Paint detackification product for paints that do not readily float to the surface, hectorite-based, good detackification properties <sup>1</sup>*

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#### ■ **hebro**®prenol FL 1320

*Extra-powerful detackification product for hard-to-spray paints, hectorite-based, for difficult-to-detackify paints <sup>1</sup>*

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#### ■ **hebro**®prenol FL 1500

*High-solid paint detackification product, easy to meter <sup>1,2</sup>*

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#### ■ **hebro**®prenol FL 1625

*Detackification product, particularly suitable for water-based paints and mixed systems <sup>1,2</sup>*

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#### ■ **hebro**®prenol FL 1780

*Special detackifying agent for unsaturated polyester resin paints <sup>1,2</sup>*

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#### ■ **hebro**®prenol WF 1250

*Salt-based paint detackification product for use in large-scale production installations <sup>2</sup>*

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#### ■ **hebro**®prenol WF 1251

*Salt and polymer-based paint detackification product for use in large-scale production installations <sup>1,2</sup>*

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#### ■ **hebro**®prenol WF 1900

*Polymer-based paint detackification product for use in anionic water-based paint systems – also suitable for waste water treatment after barrel finishing <sup>2</sup>*

### Sedimenting paint detackification product

The **hebro**®prenol series: highly effective paint detackification product for use in paint spray systems employing sedimentation extraction

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#### ■ **hebro**®prenol SE 8000

*Highly effective sedimenting detackification product for small and medium-sized installations <sup>1,2</sup>*

### Flocculation aids

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#### ■ **hebro**®prenol FL 115

*Post-flocculant for increasing the size of floc for water and solvent-based paints and lacquers, cationic polymer solution <sup>1,2</sup>*

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#### ■ **hebro**®prenol C 3900

*Post-flocculant for increasing the size of floc, emulsion polymer <sup>1</sup>*

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#### ■ **hebro**®prenol WF 973

*Concentrated aid for increasing the size of floc in conjunction with bentonite-based detackification products <sup>1</sup>*

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#### ■ **hebro**®prenol WF 8575

*Concentrated aid for increasing the size of floc in conjunction with bentonite-based detackification products <sup>1,2</sup>*

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#### ■ **hebro**®prenol 1800 K

*Anionic concentrated flocculant for salt-based systems <sup>1,2</sup>*

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#### ■ **hebro**®prenol 440/80

*Post-flocculant for increasing the size of floc <sup>1,2</sup>*

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#### ■ **hebro**®prenol 96-116

*Anionic post-flocculant specifically for e-coat, also suitable for coagulation and waste water treatment <sup>1,2</sup>*

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#### ■ **hebro**®prenol 85-115

*Flocculation aids as granules <sup>1,2</sup>*

1 = solvent-based paints, 2 = water-based paints



## Defoaming agents

The **hebro**<sup>®</sup>d-foam series: efficient defoaming agent for all water-based systems

- **hebro**<sup>®</sup>d-foam 94-119  
*Silicone-free, defoaming agent for coagulation processes and industrial water treatments*
- **hebro**<sup>®</sup>d-foam 2040  
*Silicone-free, fast acting, very good response with surfactant foams*
- **hebro**<sup>®</sup>d-foam 2060  
*Silicone-free, fast acting, very good broadband response*
- **hebro**<sup>®</sup>d-foam 4400  
*Silicone-free, fast acting, long-lasting, emulsifying*
- **hebro**<sup>®</sup>d-foam 5500  
*Silicone-free, good emulsifying effect, long-lasting*
- **hebro**<sup>®</sup>d-foam base 203  
*Silicone-free, fast acting, long-lasting, emulsifying*
- **hebro**<sup>®</sup>d-foam base 204  
*Silicone-free, fast acting, very good response with surfactant foams*
- **hebro**<sup>®</sup>d-foam base 206  
*Silicone-free, fast acting, very good broadband response*
- **hebro**<sup>®</sup>d-foam base 207  
*Silicone-free, very good emulsifying effect, long-lasting*
- **hebro**<sup>®</sup>d-foam base 208  
*Silicone-free, fast acting*

## Flocculants

The **hebro**<sup>®</sup>flock series: highly effective products for universal water treatment

- **hebro**<sup>®</sup>flock 100  
*For treating waste water containing solids, for purifying water contaminated with glue, dispersion paint and grinding residues*
- **hebro**<sup>®</sup>flock 150  
*Special-purpose product for treating waste water containing high levels of solids*
- **hebro**<sup>®</sup>flock 200  
*Purification of cleaning solvents containing hydrocarbons after initial neutralisation*
- **hebro**<sup>®</sup>flock 2001  
*Products for treating waste water in the fields of printing and glue processing*
- **hebro**<sup>®</sup>flock 2002  
*Developed for the batch treatment of waste water containing water-based paint residues*
- **hebro**<sup>®</sup>flock 2005  
*For treating waste water from electroplating installations*
- **hebro**<sup>®</sup>flock S  
*For treating industrial waste water containing heavy-metal residues, e.g. in the electroplating industry*
- **hebro**<sup>®</sup>flock 2008  
*For flocculating waste water and paints, particularly quick-acting, and for treating rinsing water from paint processes in door and window production (flow-coating installations)*
- **hebro**<sup>®</sup>preinol WF 1230  
*Flocculants for glass and ceramics processing*

## Cooling circuit treatments

- 
- **hebro**<sup>®</sup>stabil 4  
*Hardness stabilising agent for open systems*

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  - **hebro**<sup>®</sup>stabil 30  
*Hardness stabilising agent and corrosion inhibitor for systems with high levels of water loss*

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  - **hebro**<sup>®</sup>stabil 3  
*Hardness stabilising agent and corrosion inhibitor for open systems*

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  - **hebro**<sup>®</sup>protect IH  
*Hardness stabilising agent and corrosion inhibitor for closed systems*

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  - **hebro**<sup>®</sup>protect CU  
*Hardness stabilising agent and corrosion inhibitor for closed systems, copper inhibited*

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  - **hebro**<sup>®</sup>xan  
*Special-purpose product for removing bacterial layers*

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  - **hebro**<sup>®</sup>add Kältemittel  
*Highly effective antifreeze for recirculating water systems*

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  - **hebro**<sup>®</sup>protect 85-105  
*Corrosion inhibitor for iron and steel – does not increase conductance*

## Other water treatments

- 
- **hebro**<sup>®</sup>add A  
*Immediately raises the pH-value*

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  - **hebro**<sup>®</sup>add S  
*Immediately lowers the pH-value*

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  - **hebro**<sup>®</sup>add koag 01  
*Detackification additive specially for epoxy resin paints*

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  - **hebro**<sup>®</sup>add Aktiv  
*Enables the ideal pH value to be adjusted for coagulation*

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  - **hebro**<sup>®</sup>add neutral  
*Hardener with high active ingredient content – reduces tendency to generate foam*

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  - **hebro**<sup>®</sup>d-scale base  
*Scale inhibitor*

## Water conditioners for autoclaves and pasteurising equipment

- 
- **hebro**<sup>®</sup>mosol VW  
*Water conditioner with strong corrosion inhibitor; preferred solution for full water immersion autoclaves*

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  - **hebro**<sup>®</sup>mosol BD  
*Water conditioner with enhanced washing power; preferred for use in water-cascade autoclaves and steam-spray autoclaves*

## Biocides for detackification and water treatment products

- 
- **hebro**<sup>®</sup>cid 79-106\*  
*Biocide for surge dosing where aerobic bacteria are present*

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  - **hebro**<sup>®</sup>cid LK\*  
*Biocide for short-term dosing where aerobic or anaerobic bacteria are present*

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  - **hebro**<sup>®</sup>cid I-5\*  
*Fungicide with broadband response*

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  - **hebro**<sup>®</sup>cid base 21\*  
*Biocide for aqueous solutions, VOC-free*

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  - **hebro**<sup>®</sup>cid base 82\*  
*Broadband biocide for numerous applications*

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  - **hebro**<sup>®</sup>cid base 90M\*  
*Biocide for aqueous solutions, AOX-free*

\*Note: Use biocides with great care.  
Before use, always read the label and product information.

## Product group II

### ■ Cutting fluids and oils

#### Amine-free cutting fluids

- 
- **hebro**<sup>®</sup>lub 750/2 AF  
*Universal cutting fluid, particularly suitable for aluminium and NF metals, amine and boron free*

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  - **hebro**<sup>®</sup>lub 756 EP  
*Universal cutting fluid, particularly suitable for heavy chip-removal processes in aluminium and NF metals, amine and boron free*

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  - **hebro**<sup>®</sup>lub 771 AF  
*Universal cutting fluid, particularly suitable for NF metals, copper and brass, amine and boron free*

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  - **hebro**<sup>®</sup>lub base 2020 M2  
*Amine and boron free cutting fluid, also suitable for aluminium and NF metals*

#### Low-volume lubricants

- 
- **hebro**<sup>®</sup>less 98-102  
*Free of mineral oils*

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  - **hebro**<sup>®</sup>less 98-103  
*Free of mineral oils, for use with many materials*

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  - **hebro**<sup>®</sup>less 100 AL  
*Free of mineral oils, specially for aluminium*

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  - **hebro**<sup>®</sup>less 200 ST  
*Free of mineral oils, medium viscosity for steel*

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  - **hebro**<sup>®</sup>less 250 ST  
*Free of mineral oils, highly viscous for steel, contains a high level of additives*

#### Drawing lubricants

- 
- **hebro**<sup>®</sup>lub EP 10  
*High-performance lubricant, based on ester oils*

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  - **hebro**<sup>®</sup>lub 113/3  
*High-performance lubricant based on natural soaps, easy to remove*

#### Cutting fluids containing amines

- 
- **hebro**<sup>®</sup>lub 605 BF  
*Universal boron-free cutting fluid for heavy chip-removal jobs in steel*

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  - **hebro**<sup>®</sup>lub 607 BF  
*Universal boron-free cutting fluid for heavy chip-removal jobs in a range of materials*

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  - **hebro**<sup>®</sup>lub 665 BF  
*Universal boron-free cutting fluid for chip-removal jobs in steel*

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  - **hebro**<sup>®</sup>lub 810 OK  
*State-of-the-art boron-free cutting fluid free of preservatives*

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  - **hebro**<sup>®</sup>lub base 16  
*Universal cutting fluid, for chip-removal jobs in steel*

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  - **hebro**<sup>®</sup>lub base 17 EP  
*Universal cutting fluid, for heavy chip removal*

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  - **hebro**<sup>®</sup>lub base 25  
*Universal cutting fluid for aluminium and steel, with particularly good washing properties*

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  - **hebro**<sup>®</sup>lub base 60  
*Boron-free cutting fluid for heavy chip removal*

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  - **hebro**<sup>®</sup>lub base 66  
*Boron-free cutting fluid for chip-removal jobs in steel*

## Synthetic cutting fluids

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■ **hebro**<sup>®</sup>lub 150 MF

*Transparent cutting fluid  
for light chip removal*

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■ **hebro**<sup>®</sup>lub EP 10

*Cutting fluid for extremely heavy chip-removal jobs,  
can also be used as an additive*

## Blanking oils

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■ **hebro**<sup>®</sup>cut PS 2000

*Medium viscosity, for heavy processes*

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■ **hebro**<sup>®</sup>cut PS 3000

*Medium viscosity, for heavy processes*

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■ **hebro**<sup>®</sup>cut PS 5000

*Medium viscosity, for medium-heavy processes*

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■ **hebro**<sup>®</sup>cut PS 6000

*Low viscosity, for light processes*

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■ **hebro**<sup>®</sup>cut PS 6000/5

*Low viscosity, for light processes*

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■ **hebro**<sup>®</sup>cut PS 7000

*Low viscosity, volatile, for light processes*

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■ **hebro**<sup>®</sup>cut PS 9000

*Very low viscosity, volatile, for light processes*

## Grinding cutting fluids

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■ **hebro**<sup>®</sup>grind 1000

*With good corrosion protection*

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■ **hebro**<sup>®</sup>grind 1400B

*With good corrosion protection, reduced boron*

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■ **hebro**<sup>®</sup>grind 1450B

*With excellent corrosion protection, reduced boron*

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■ **hebro**<sup>®</sup>grind 1500

*With outstanding corrosion protection*

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■ **hebro**<sup>®</sup>grind 251 AF

*Amine and boron-free, for aluminium and NF metals*

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■ **hebro**<sup>®</sup>grind base 12

*With good corrosion protection*

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■ **hebro**<sup>®</sup>grind base 13 EP

*With good corrosion protection and anti-wear additive*

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■ **hebro**<sup>®</sup>grind base 14 H

*With good protection for NF and hard metals*

## Cutting and blanking oils

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■ **hebro**<sup>®</sup>cut S 28

*Manual thread-cutting & tapping oil, also for NF metals*

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■ **hebro**<sup>®</sup>cut S 195

*Manual thread-cutting & tapping oil, highly viscous,  
specially for steel and stainless steel*

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■ **hebro**<sup>®</sup>cut S, 400 ml aerosol

*Cutting oil foam, particularly stable with long-lasting adhesion*

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■ **hebro**<sup>®</sup>cut 86-106

*Cutting oil, medium viscosity*

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■ **hebro**<sup>®</sup>cut 86-106/1

*Cutting oil, highly viscous, also suitable for drawing*

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■ **hebro**<sup>®</sup>cut 2000

*Cutting & drawing oil, highly viscous, contains a high level  
of additives, also suitable for extremely heavy processes*

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■ **hebro**<sup>®</sup>cut 2000, 400 ml aerosol

*Cutting & drawing oil, highly viscous, contains a high level  
of additives, also suitable for extremely heavy processes*

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■ **hebro**<sup>®</sup>cut 5000

*Cutting oil, very viscous, easy to remove with water*

## Cutting fluid additives

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■ **hebro**<sup>®</sup>add dH

*For hardening very soft water*

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■ **hebro**<sup>®</sup>add A

*Additive to raise pH value*

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■ **hebro**<sup>®</sup>add Cu

*Additive for protecting copper*

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■ **hebro**<sup>®</sup>d-foam KSM

*Defoaming agent concentrate  
for water miscible cutting fluids*

## Biocides for water miscible cutting fluids

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■ **hebro**<sup>®</sup>cid 33 MBO\*

*Biocide for surge and long-term metering*

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■ **hebro**<sup>®</sup>cid 34 T\*

*Biocide for surge and long-term metering*

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■ **hebro**<sup>®</sup>cid I-5\*

*Fungicide with broadband response*

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■ **hebro**<sup>®</sup>cid 36\*

*Biocide with low inherent odour and broad range  
of applications*

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■ **hebro**<sup>®</sup>cid base 21\*

*Biocide for aqueous solutions, VOC-free*

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■ **hebro**<sup>®</sup>cid base 81TP\*

*Broadband biocide for use in cutting fluid applications*

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■ **hebro**<sup>®</sup>cid base 82\*

*Broadband biocide for numerous applications*

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■ **hebro**<sup>®</sup>cid base 90M\*

*Biocide for aqueous solutions, AOX-free*

\*Note: Use biocides with great care.

Before use, always read the label and product information.



## System cleaners

- 
- **hebro<sup>®</sup>pure OK**  
*Gently cleans grinding equipment,  
without preservatives*

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  - **hebro<sup>®</sup>pure OK-M**  
*Gently cleans machining equipment,  
without preservatives*

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  - **hebro<sup>®</sup>xan**  
*Special-purpose product for removing bacterial layers*

## Water-soluble corrosion inhibitors

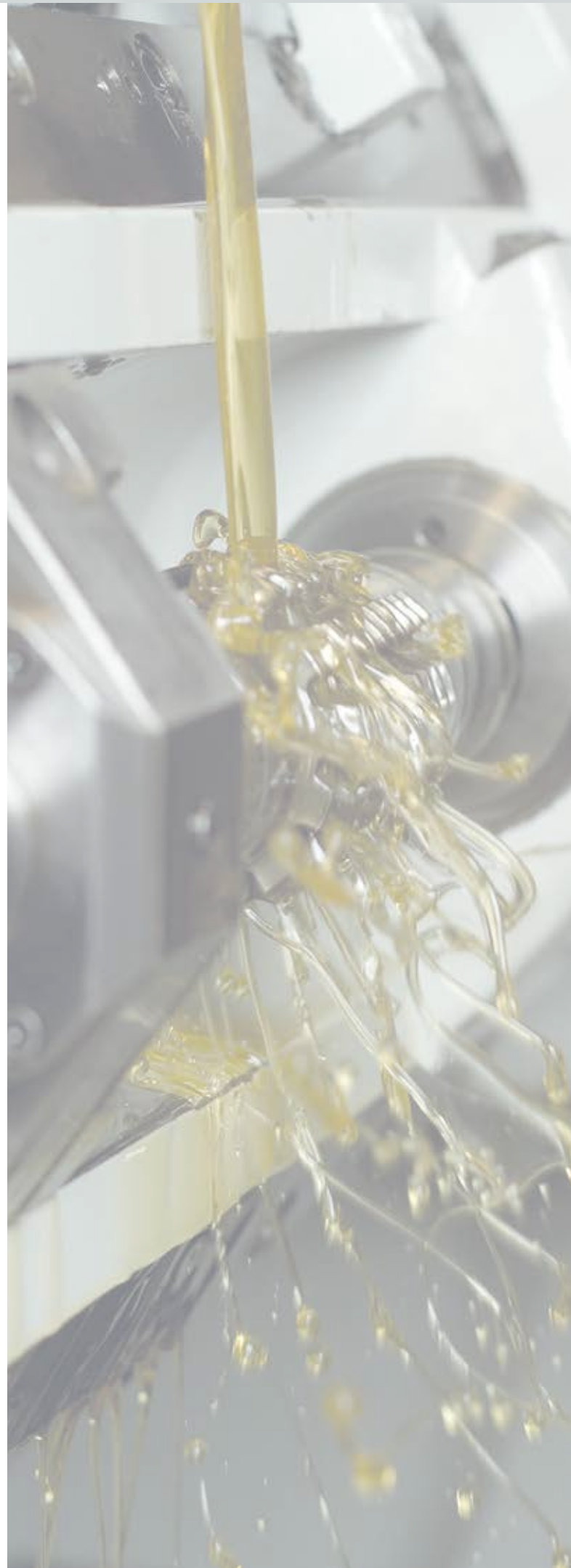
- 
- **hebro<sup>®</sup>protect 84-133**  
*Corrosion inhibitor for steel and ferrous metals*

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  - **hebro<sup>®</sup>protect 95-103**  
*Corrosion inhibitor for steel and non-ferrous metals*

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  - **hebro<sup>®</sup>protect base 33**  
*Corrosion inhibitor for steel and ferrous metals*





## OILS AND LUBRICANTS

### Hydraulic fluids

- 
- **hebro**<sup>®</sup>HLP base 22
  - **hebro**<sup>®</sup>HLP base 32
  - **hebro**<sup>®</sup>HLP base 46
  - **hebro**<sup>®</sup>HLP base 68
  - **hebro**<sup>®</sup>HLP base 100
  - **hebro**<sup>®</sup>HLP base 150

### Hydraulic fluids, zinc-free

- 
- **hebro**<sup>®</sup>HLP base 22 F
  - **hebro**<sup>®</sup>HLP base 32 F
  - **hebro**<sup>®</sup>HLP base 46 F

### Hydraulic fluids, detergent

- 
- **hebro**<sup>®</sup>HLPD base 22
  - **hebro**<sup>®</sup>HLPD base 32
  - **hebro**<sup>®</sup>HLPD base 46

### Hydraulic fluids, detergent, zinc-free

- 
- **hebro**<sup>®</sup>HLPD base 10 F
  - **hebro**<sup>®</sup>HLPD base 22 F
  - **hebro**<sup>®</sup>HLPD base 32 F
  - **hebro**<sup>®</sup>HLPD base 46 F
  - **hebro**<sup>®</sup>HLPD base 68 F

### Hydraulic fluid from renewable raw materials

- 
- **hebro**<sup>®</sup>HVLP base öko 46

### Slideway oils

- 
- **hebro**<sup>®</sup>iso base 32
  - **hebro**<sup>®</sup>iso base 68
  - **hebro**<sup>®</sup>iso base 220

### Gear oils

- 
- **hebro**<sup>®</sup>CLP base 32
  - **hebro**<sup>®</sup>CLP base 46
  - **hebro**<sup>®</sup>CLP base 68
  - **hebro**<sup>®</sup>CLP base 100
  - **hebro**<sup>®</sup>CLP base 150
  - **hebro**<sup>®</sup>CLP base 220
  - **hebro**<sup>®</sup>CLP base 320

### Gear and compressor oils

- 
- **hebro**<sup>®</sup>CLP base 32 S
  - **hebro**<sup>®</sup>CLP base 46 S
  - **hebro**<sup>®</sup>CLP base 68 S
  - **hebro**<sup>®</sup>CLP base 100 S
  - **hebro**<sup>®</sup>CLP base 150 S
  - **hebro**<sup>®</sup>CLP base 220 S
  - **hebro**<sup>®</sup>CLP base 220 S PG

## Cutting oils

- 
- **hebro**<sup>®</sup>cut base S 6  
*Grinding and cutting oil*

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  - **hebro**<sup>®</sup>cut base HT 10  
*Honing and deep-drilling oil*

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  - **hebro**<sup>®</sup>cut base C 15  
*General cutting oil*

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  - **hebro**<sup>®</sup>cut base C 28  
*General cutting oil*

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  - **hebro**<sup>®</sup>cut base R 36  
*Cutting and broaching oil*

## Cutting oils, activated

- 
- **hebro**<sup>®</sup>cut base ST 6 X  
*Grinding and deep-drilling oil, activated*

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  - **hebro**<sup>®</sup>cut base C 16 X  
*General cutting oil, activated*

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  - **hebro**<sup>®</sup>cut base C 24 X  
*General cutting oil, activated*

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  - **hebro**<sup>®</sup>cut base R 42 X  
*Cutting and broaching oil, activated*

## Cutting oils, eco series

- 
- **hebro**<sup>®</sup>cut öko base T 12  
*Cutting & deep-drilling oil, based on renewable raw materials*

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  - **hebro**<sup>®</sup>cut öko base C 25  
*General cutting oil, based on renewable raw materials*

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  - **hebro**<sup>®</sup>cut öko base R 44  
*Cutting & broaching oil, based on renewable raw materials*

## Spindle oils

- 
- **hebro**<sup>®</sup>SP base 3

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  - **hebro**<sup>®</sup>SP base 5

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  - **hebro**<sup>®</sup>SP base 10

## Dielectrics for electrical discharge machining

- 
- **hebro**<sup>®</sup>dielectric base 10  
*Dielectric for fine finishing*

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  - **hebro**<sup>®</sup>dielectric base 20  
*Dielectric for roughing*



## Product group III

### ■ Technical cleaners

#### Spray cleaners

The **hebro**<sup>®</sup>lan series: highly effective water-soluble degreasing products for all industrial cleaning processes

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##### ■ **hebro**<sup>®</sup>lan 79-124

*Environmentally friendly cleaner and degreaser for use in cleaning-machines and high-pressure equipment*

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##### ■ **hebro**<sup>®</sup>lan 79-126

*Alkaline, liquid cleaner and degreaser for use in spray water machines, HP equipment and barrel finishing installations*

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##### ■ **hebro**<sup>®</sup>lan 96-125

*Environmentally friendly cleaner and degreaser for use in spray water machines and immersion degreasers, ideal for aluminium*

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##### ■ **hebro**<sup>®</sup>lan 200 VV

*Environmentally friendly cleaner and degreaser, pH neutral, specially as a cleaner for solar panels*

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##### ■ **hebro**<sup>®</sup>lan SRA 80

*Alkaline, liquid, low-foam cleaner for degreasing equipment in spray processes with optimum demulsifying properties*

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##### ■ **hebro**<sup>®</sup>lan SRA 100

*Highly alkaline, concentrated liquid cleaner and degreaser for use in spray water machines and HP equipment*

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##### ■ **hebro**<sup>®</sup>lan SRN 200 K

*For degreasing steel, castings and stainless steel, optimum temporary corrosion inhibitor for ferrous materials*

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##### ■ **hebro**<sup>®</sup>lan SRN 200K/2

*Environmentally friendly neutral cleaner with good corrosion protection and excellent demulsifying properties for use in spray-cleaning equipment and on washbasins*

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##### ■ **hebro**<sup>®</sup>lan SRN 250K

*Neutral, liquid cleaner with corrosion inhibiting additives for spray-washing installations, HP equipment and barrel finishing equipment*

#### Immersion & ultrasound cleaners

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##### ■ **hebro**<sup>®</sup>lan U 93-114

*Environmentally friendly, low-salt, demulsifying cleaner for use in ultrasound immersion cleaning installations*

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##### ■ **hebro**<sup>®</sup>lan TN

*Environmentally friendly, neutral, demulsifying cleaner for use in immersion installations*

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##### ■ **hebro**<sup>®</sup>lan TUN 500 H

*Neutral, salt-free emulsifying cleaner for use in immersion installations*

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##### ■ **hebro**<sup>®</sup>lan T 93-119

*Highly alkaline, concentrated liquid cleaner and degreaser for use in immersion degreasing installations*

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##### ■ **hebro**<sup>®</sup>lan TSA 200

*Highly alkaline, foam-free liquid cleaner, for degreasing spray and immersion processes, dephosphating compound*

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##### ■ **hebro**<sup>®</sup>lan TUA 400 P

*Highly alkaline, powder-like cleaner for degreasing in immersion processes*

## Phosphating products

The hebro<sup>®</sup>phos series: degreasing and phosphating products

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### ■ hebro<sup>®</sup>phos C

*Combined product for degreasing, derusting and manual phosphating*

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### ■ hebro<sup>®</sup>phos S 100 F

*For degreasing and phosphating in recirculating spray installations, effective even at low temperatures*

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### ■ hebro<sup>®</sup>phos S 350 DF

*For degreasing and phosphating in recirculating spray installations, even for aluminium – generates a thick adhesion layer for paint finishes*

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### ■ hebro<sup>®</sup>phos S 450 D

*For degreasing and phosphating in recirculating spray installations and HP processes – generates a thick adhesion layer for paint finishes*

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### ■ hebro<sup>®</sup>phos LF

*For degreasing and phosphating in recirculating spray installations and HP processes – effective even at low temperatures*

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### ■ hebro<sup>®</sup>phos II

*For degreasing and phosphating in recirculating spray installations and HP processes – effective even at low concentrations*

## Cleaner additives

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### ■ hebro<sup>®</sup>scale

*Inhibited deposit remover for water-filled installations*

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### ■ hebro<sup>®</sup>add RV 715

*Neutral cleaner booster*

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### ■ hebro<sup>®</sup>oilsplit

*Demulsifying additive, separates oils in suspension and extends the lifetime of cleaning baths*

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### ■ hebro<sup>®</sup>protect 84-133

*Corrosion inhibitor additive for iron and steel*

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### ■ hebro<sup>®</sup>protect 95-103

*Corrosion inhibitor additive for iron, steel and NF metals*

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### ■ hebro<sup>®</sup>d-foam 2040

*Universal defoaming agent*

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### ■ hebro<sup>®</sup>add A

*Immediately raises the pH-value*

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### ■ hebro<sup>®</sup>add S

*Immediately lowers the pH-value*

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### ■ hebro<sup>®</sup>cid 79-106\*

*Biocide for surge dosing where aerobic bacteria are present*

## Product group IV

### Maintenance and repair products

#### Cold degreaser

The hebro®sol series: straight-from-the-bottle, environmentally friendly cold cleaner for all degreasing and cleaning jobs, CFC and CHC free

- **hebro®sol A**, available as 400 ml aerosol  
*Fast-acting degreaser containing acetone, also suitable for electrical and electronic components*
- **hebro®sol 3**  
*Fast-acting degreaser, also suitable for electrical and electronic components, residue-free*
- **hebro®sol 5**, also available as 500 ml aerosol  
*CHC-free degreaser, dries quickly without leaving residues*
- **hebro®sol 15** also available as 500 ml aerosol  
*CHC-free degreaser, dries without leaving residues*
- **hebro®sol 30**  
*Medium-volatile, residue-free cleaner*
- **hebro®sol 75** also available as 400 ml aerosol  
*CHC-free degreaser, dries slowly and is therefore very effective*
- **hebro®sol classic**  
*Vaporises slowly, provides anti-corrosion protection*
- **hebro®sol 86-118**  
*Residue-free volatile cleaner*
- **hebro®sol TURBO**, 400 ml aerosol  
*Fast vaporising cleaner, ensures surfaces free of residues*
- **hebro®sol CITRUS**, 500 ml aerosol  
*New formula based on lemon-peel extracts, pleasant lemon odour*

#### Universal cleaners

- **hebro®HB-40 ZK**  
*Cement and lime solvent*
- **hebro®HB-50 UL**  
*Urine scale and lime scale solvent*
- **hebro®HB-100 D**  
*High-performance scale remover*
- **hebro®HB-110 B**  
*Floor-cleaning concentrate for oil and grease soiling*
- **hebro®HB-100 D**  
*High-performance scale remover*
- **hebro®HB-110 B**  
*Floor-cleaning concentrate for oil and grease soiling*
- **hebro®HB-120 EP**  
*Rapid-action cleaner for tough mineral-based deposits*
- **hebro®HB-150 DS**  
*For stubborn mineral-based deposits and rust*
- **hebro®HB-160 E**  
*Acidic special-purpose cleaner for mineral-based deposits*
- **hebro®Serve K** (paste)  
*Scale-removing paste for vertical surfaces*
- **hebro®Care 150**, 500 ml  
*Antistatic surface cleaner for office furniture*
- **hebro®Care 200**  
*Cleaner for glass and metal, good grease-solvent properties, in a spray bottle*
- **hebro®Care 950**  
*Antifreeze and cleaner for vehicle windscreen washer systems*
- **hebro®HB-Konz**  
*Neutral all-purpose cleaner*
- **hebro®HB-200 WT**  
*Easily removes grease, oil, soot, nicotine, also suitable for washbasins*
- **hebro®HB-200**  
*Environmentally friendly cleaner for metals and plastics*
- **hebro®sol TL**  
*Cleaning emulsion for ballpoint pens, felt-tips, oil and grease*
- **hebro®HB-400 D**  
*Concentrate removes burned-in oil, grease and wax*



## hebro®-ÖkoClean series

- **hebro®**ÖkoClean Sani  
*Sanitary installation cleaner concentrate, dissolves scale*
- **hebro®**ÖkoClean RS  
*Environmentally friendly, acidic high-pressure cleaner*
- **hebro®**ÖkoClean OT  
*Grease and tar remover*
- **hebro®**ÖkoClean Bio  
*Safety cleaner based on organic solvents*
- **hebro®**ÖkoClean Top  
*All-purpose cleaner concentrate*
- **hebro®**ÖkoClean Uni  
*Environmentally friendly cleaner concentrate*
- **hebro®**ÖkoClean Green  
*Removes green algae*
- **hebro®**ÖkoClean Power  
*Organic pre-spray and high-pressure cleaner*
- **hebro®**ÖkoClean Turbo  
*High-pressure cleaner for the toughest dirt*

## hebro®nol cleaner for the food-processing industry

- **hebro®**nol Schaum S  
*Acidic foam cleaner for the food-processing industry*
- **hebro®**nol S-170  
*Acidic cleaner for the food-processing industry*
- **hebro®**nol DS  
*Particularly well suited to cleaning large surfaces in social rooms and sanitary areas*
- **hebro®**nol DR  
*Specially for burned-in oil, grease and wax*
- **hebro®**nol AR  
*Drain cleaner*
- **hebro®**nol A-160  
*Alkaline cleaner for the food-processing industry*
- **hebro®**nol Schaum A  
*Alkaline foam cleaner*

## Paint strippers and mould and die cleaners

- Colorex Paste 2000  
*Paint removing paste for state-of-the-art paints, highly effective, mild scent*
- Colorex 2717  
*Ready-to-use high-performance cold paint stripper for removing paint and powder coats from steel parts*
- Colorex 1570  
*High-performance paint stripper for various different paint and powder coats, in particular suitable for aluminium components*
- Colorex 1200  
*High-performance, water dilutable, temperable, cold paint stripper for removing paints from steel parts*
- Colorex 1008  
*High-performance paint stripper for various different paint and powder coats, in particular suitable for aluminium components*
- **hebro®**colourstrip 2010  
*Paint remover specially for NF metals*
- **hebro®**strip WCL, 400 ml aerosol  
*Cold paint stripper and seal solvent, removes all standard paints, removes residues of seals on flanges and lids*
- **hebro®**mold FR, 500 ml aerosol  
*Cleaner for removing plastic residues in moulds*
- **hebro®**mold FS, 250 ml aerosol  
*Highly active foam cleaner for tools and moulds in the plastics industry*
- **hebro®**sol 86-120  
*Cleaner for removing plastic and paint residues from injection moulds*

## Graffiti remover

- 
- Colorex Gel spezial  
*High-performance, state-of-the-art gel cleaner for use indoors  
for removing graffiti and paint smears –  
ideal for smooth surfaces, very mild scent*

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  - **hebro**<sup>®</sup>extoll also available as 400 ml aerosol  
*Special-purpose cleaner for all non-porous surfaces,  
quickly removes paint smears and felt pen scribble*

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  - **hebro**<sup>®</sup>extoll DBE 400 ml, aerosol  
*Paint solvent for removing stains from ink, ball pen,  
colour pens on brick or concrete*

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  - **hebro**<sup>®</sup>extoll DMS  
*Paint solvent for removing stains from ink, ball pen,  
colour pens on brick or concrete*

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  - **hebro**<sup>®</sup>extoll öko, also available as 400 ml aerosol  
*Ecologically safe special-purpose cleaner for all non-porous  
surfaces, for removing graffiti, paint, resins etc.*

## hebro<sup>®</sup>printclean series for offices

- 
- **hebro**<sup>®</sup>printclean KR, also available as 200 ml  
*Antistatic cleaner*

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  - **hebro**<sup>®</sup>printclean WR, also available as 200 ml  
*Platen roller cleaner for photocopiers and printers*

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  - **hebro**<sup>®</sup>printclean GR, also available as 200 ml  
*Glass cleaner*

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  - **hebro**<sup>®</sup>printclean BR, also available as 200 ml  
*Screen and lens cleaner*

---

  - **hebro**<sup>®</sup>printclean TR, also available as 200 ml  
*removes toner residues from smooth surfaces*

## Care products

- 
- Acryllon  
*Non-slip, dirt repellent high-performance care  
for floors, leaves floors shiny*

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  - Chemsiegel  
*Seals vehicle surfaces and other smooth surfaces,  
not only cleans but also leaves them shiny*

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  - **hebro**<sup>®</sup>soft S  
*Multipurpose spray for cleaning and refreshing stainless  
steel, particularly for matt and polished stainless steel  
surfaces*

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  - **hebro**<sup>®</sup>soft  
*Solution for cleaning and refreshing stainless steel  
and plastics, silicone-free*

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  - **hebro**<sup>®</sup>sol tronic  
*New type of cleaner and lubricant for electronic  
and electrical devices and parts*

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  - **hebro**<sup>®</sup>spum R, 400 ml aerosol  
*Foam cleaner for all kinds of surfaces*

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  - **hebro**<sup>®</sup>airtronic, 250 ml aerosol  
*Residue-free cleaning spray using compressed air*



## Skin protection

- 
- derma care  
*Barrier cream for application before work starts*

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  - derma gel plus  
*Slightly viscous, disinfectant skin protection gel, also suitable for use in gloves*

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  - **hebro**<sup>®</sup>safety, also available as 170 ml aerosol  
*Dermatological hand and skin protection foam, sure protection against liquids*

## Skin cleanser

- 
- derma fluid  
*Mild, skin-friendly soap lotion with pleasant scent and well-balanced moisturising system*

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  - derma fluid plus  
*Mild, hygienic hand washing and decontaminating agent*

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  - derma sil  
*Hand cleaner, gentle dirt removal with simultaneous moisturising effect*

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  - **hebro**derm special  
*Kind-to-the-skin hand cleaner to remove paints and lacquers, also suitable for removing stubborn, dried paints*

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  - Lanolid Paste  
*Kind-to-the-skin hand-cleaning paste – removes even the toughest oil and grease*

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  - **hebro**<sup>®</sup>first aid  
*Eye and wound cleaner, sterile cleaning agent in reusable aerosol*

## Skin care

- 
- derma lind  
*Skin care product with high-quality ingredients and care substances, reinforces the skin's immune system*

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  - **hebro**derm-Set 2000  
*Convenient combination of skin protection (derma care), hand cleaner (derma sil) and skin care (derma lind)*



## Corrosion inhibitors

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### ■ hebro®protect SGL 1

*For short-term protection during indoor storage, for interim preservation with good capillary action, water repellent, generates an oily protective film*

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### ■ hebro®protect 48/78

*For short-term protection during indoor storage, low viscosity, generates an oily brown protective film*

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### ■ hebro®protect DWI 5

*For medium-term protection during indoor storage, medium viscosity, generates an oily brown protective film and has pronounced dewatering properties*

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### ■ hebro®protect 2, also available as 500 ml aerosol

*For medium-term protection during indoor storage, low viscosity, generates a waxy brown protective film that can be easily removed*

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### ■ hebro®protect 3, also available as 400 ml aerosol

*For medium-term protection during indoor and outdoor storage, medium viscosity, generates a hard, brown, waxy protective film*

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### ■ hebro®protect 7-3

*For medium-term to long-term protection during indoor and outdoor storage, low viscosity, generates a white, waxy protective film*

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### ■ hebro®protect 70, also available as 500 ml aerosol

*For long-term protection during indoor and outdoor storage, even in harsh conditions (e.g. marine transport), high viscosity, generates a hard, brown, waxy protective film*

## Corrosion inhibitors, water-based

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### ■ hebro®protect 84-133

*Corrosion inhibitor free of mineral oils for all water-based media*

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### ■ hebro®protect 95-103

*Corrosion inhibitor free of mineral oils for all water-based media, suitable for use on NF metals*

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### ■ hebro®protect 85-105

*Corrosion inhibitor for wire-cutting in water, does not increase conductance*

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### ■ hebro®protect WS

*Corrosion inhibiting oil that quickly forms an emulsion with water*

## Insecticides

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### ■ PY-S 2000 F\*

*Highly effective biological insecticide – non-hazardous to humans and mammals*

## Oil binders

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### ■ Ölbindemittel 80-134

*Coarse oil absorbent for traffic surfaces – absorbs oil and other fluids without forming lumps or generating dust*

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### ■ Ölbindemittel 84-135

*Fine-grained oil absorbent for applications inside factory premises – reliably fixes and absorbs oil and other fluids*

\*Note: Use biocides with great care.

Before use, always read the label and product information.

## Sprays for identification and protection purposes

- **hebro**<sup>®</sup>protect Zn, 500 ml aerosol  
*Silver grey corrosion inhibitor spray*
- **hebro**<sup>®</sup>protect Zn-light, 500 ml aerosol  
*Light grey corrosion inhibitor spray*
- DUPLI COLOR line marker spray, 600 ml aerosol  
*Available in white*

## Lubricants

- **hebro**<sup>®</sup>lub LM cartridge, dispenser  
or as a 500 ML aerosol  
*Fully synthetic high-performance lubricant for the food-processing industry*
- **hebro**<sup>®</sup>lub KS, 300 ml aerosol  
*Lubricant with solids for use on chains and wire ropes*
- **hebro**<sup>®</sup>lub 2000, 500 ml aerosol  
*Synthetic high-temperature lubricant with good adhesive properties, is not thrown off even at high revolutions*
- **hebro**<sup>®</sup>chaast 2000, 200 ml aerosol  
*Copper-coloured, lithium paste-based antiseize paste*
- **hebro**<sup>®</sup>chaast K, 400 ml aerosol  
*High-performance ceramic spray*
- PTFE-Sil, 500 ml spray can  
*Teflon lubricant with no grease content*
- **hebro**<sup>®</sup>tefdax, 400 ml aerosol  
*Teflon-based dry lubricant*
- **hebro**<sup>®</sup>tefdax Fett, 400 ml aerosol  
*Teflon-based grease spray*
- **hebro**<sup>®</sup>tefdax Öl, 500 ml aerosol  
*Teflon-based oil spray*
- **hebro**<sup>®</sup>multiplus, also available as 500 ml aerosol  
*Multifunction fine oil*
- **hebro**<sup>®</sup>sloth GL, 400 ml aerosol  
*Rust remover with slip additives*
- **hebro**<sup>®</sup>foodline US, 500 ml aerosol  
*Teflon-based corrosion inhibitor and lubricant, with NSF-H1 approval*
- Varilub, also in cartridge or dispenser  
*High-pressure long-term lubricant*



## Anti-caking agent

- **hebro®synth 25**  
*Special releasing agent for laser-cutting*

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- **hebro®split weld**, 400 ml 2-chamber spray can  
*Releasing agent for all welding jobs*

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- **hebro®split S**, 500 ml aerosol  
*Silicone-based separating and antiseize agent – reliably prevents glue, ink and paint sticking*

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- **hebro®split WS**, 400 ml aerosol  
*Silicone, halogen and PCB free releasing agent*

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- **Oplax P**  
*Special silicone-free releasing agent for all welding jobs*

## Protective coatings / peel-off paints

- **hebro®peel weiß**  
*White strippable compound coating*

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- **hebro®peel 2666**  
*White reflecting strippable compound coating*

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- **hebro®peel klar**  
*Transparent strippable compound coating*

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- **Lexin**  
*Protective coating for a wide range of surfaces – prevents posters etc. being stuck to surfaces or facilitates their removal*

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- **Protectan NT**  
*Releasing agent preventing paint adhesion*

## Various products

- **Slidex eisfrei**, 25 kg  
*Environmentally-friendly grit to combat ice and black ice – works instantly and delays refreezing*



DIN EN ISO 9001, DIN EN ISO 14001  
 und OHSAS 18001  
 Zertifikat Nr. DE 12/81839325



NLF/LO-OSH 2001  
 Reg. Nr. RCI/07-009-18-03

## Further information is available from these sources:

- On-site advisory visits by our field safes staff
- Specific, technically-orientated product literature
- Our website: [www.hebro-chemie.de](http://www.hebro-chemie.de)
- Via our telephone consulting service on +49 2166 6009-130

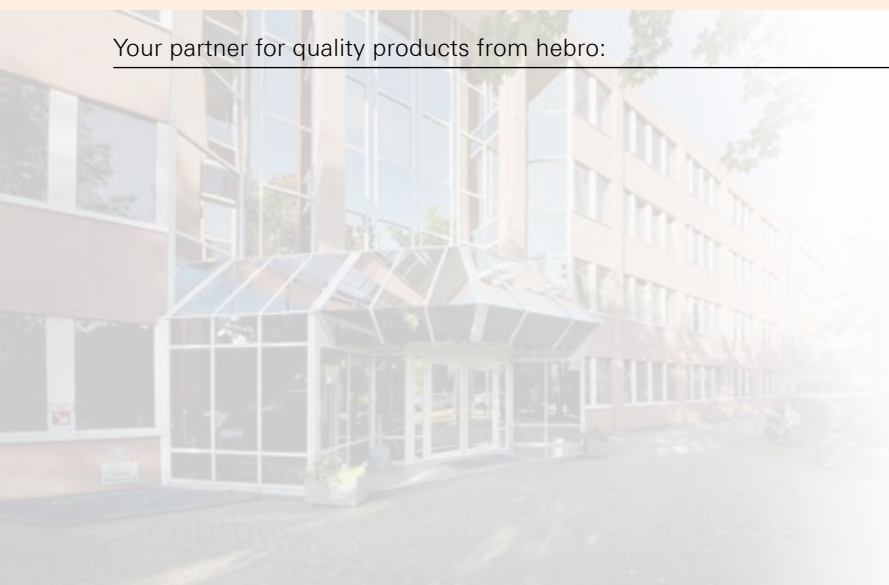
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Do you have any questions?  
Just ask us:

**hebro chemie –**  
Zweigniederlassung  
der Rockwood Specialties Group GmbH  
Rostocker Straße 40  
41199 Mönchengladbach  
PO Box 300242  
41192 Mönchengladbach, Germany  
Phone +49 2166 6009-0  
Fax +49 2166 600999  
[info@hebro-chemie.de](mailto:info@hebro-chemie.de)  
[www.hebro-chemie.de](http://www.hebro-chemie.de)

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