

deconex® HT 1153

Neutral degreasing agent with corrosion prevention for ferrous metals

Suitable for spray cleaning systems



Application

deconex® HT 1153 is a liquid cleaning concentrate for removing oil, grease, emulsions and lubricants. It is used in metal industries. deconex® HT 1153 is suitable for spray cleaning systems, but it also can be used for the precleaning of metals prior to coating when used in a combined cleaning system (spray/ultrasonic).

Properties

deconex® HT 1153 reliably removes various cutting and protecting oils and leaves ferrous and non-ferrous metals with a protecting layer which prevents corrosion of metal surfaces during the following cleaning steps.

deconex® HT 1153 is neutral, based on phosphate-free formula and therefore, it is suitable for the most important technical metals.

Dosage

The recommended concentration for use is:

Dosage	Temperature	Exposure time
1-2% in softened water	40-60 °C	approx. 2-5 min

Note: Due to its tendency to foam formation at low temperatures, the product should only be added into water when a temperature of at least 40 °C is reached.

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 283 ml of 25% hydrochloric acid or 167 ml of 60% sulphuric acid per kg of deconex® HT 1153 (concentrate).

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

Note

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

Ingredients

Alkalis, surfactant compounds, surfactants, corrosion inhibitor

Material compatibility

Suitable for:

Ferrous metals, non-ferrous metals, stainless steel inox CrNi, chrome steel, carbide, HSS-parts, stainless steel

Conditionally suitable for: Aluminium

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

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%	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

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