

deconex® HT 1175

Highly alkaline degreasing agent for HSS- and hard metal parts

Suitable for spray cleaning systems



Application

deconex® HT 1175 has been especially developed for the pre-cleaning of HSS- and hard metal parts in spray cleaning systems. By a subsequent final cleaning with deconex® HT 1171 and deconex® HT 1172 in ultrasonic cleaning systems, hard metal parts can be cleaned prior to vacuum coating.

Properties

deconex® HT 1175 is based on a highly alkaline formula and is free of hard complexing agents such as for example EDTA. As a result, the detachment of metal ions (e.g. cobalt) is reduced to a minimum during the cleaning process. Due to the use of special low foaming surfactants a good wetting and degreasing effect is achieved without excessive foam forming.

Ingredients

Alkalis, dispersing agent, solubiliser, wetting agent

Dosage

Dosage	Temperature	Exposure time
1-3%	40-70 °C	3-5 min.

The optimal concentration should be carried out by own tests. Softened or demineralized water must be used for preparing the cleaning solution.

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 401 mL of 25% hydrochloric acid or 109 mL of 60% sulphuric acid per kg of deconex® HT 1175 (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:

HSS- and hard metal parts, chrome steel

Storage/Transport (concentrate):

Chrome steel, PE, PP, PTFE, Viton

Not suitable for:

Aluminium, zinc, tin and 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%	approx. 12
Density	concentrate	1.42 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:

Borer Chemie AG

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