

deconex® SprayPlus

Alkaline detergent for removing cutting oils and cold emulsions. Can be microfiltered.

Suitable for use in spray and ultrasonic cleaning systems



Application

deconex® SprayPlus is an alkaline detergent that is used for precleaning in spray cleaning systems; when combined with deconex® HT 1170, it also can be used in ultrasonic systems.

The product reliably removes cutting and protecting oils as well as residues from storage prior to PVD and CVD coating.

Properties

The product is free of hard complexing agents and effectively prevents the washing out of cobalt. In addition, the product has good rinsing properties. This creates optimum conditions for subsequent coating processes.

The basis of the alkalis used in the product has a demulsifying effect on most of the cutting and protecting oils removed. The working lifetime of the bath is thereby considerably increased. Furthermore, the product can be microfiltered, and additional quantities can be added separately at later stages depending on the usage.

Ingredients

Alkalies, sequestering agent, corrosion inhibitor

Dosage

In practice, the following dosage has given good results:

Dosage	Temperature	Exposure time
2-5%	50-70 °C	3-5 min

Information on use

Neutralisation

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® SprayPlus (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:

Hard metals, HSS-steel, precious metals, chrome steel, ferrous metals

Not suitable for:

Aluminium, zinc, and tin

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% solution in demineralized water	approx. 12.2
Density	concentrate	1.41 g/mL
Appearance	concentrate	transparent to slightly cloudy, colourless to yellow

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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