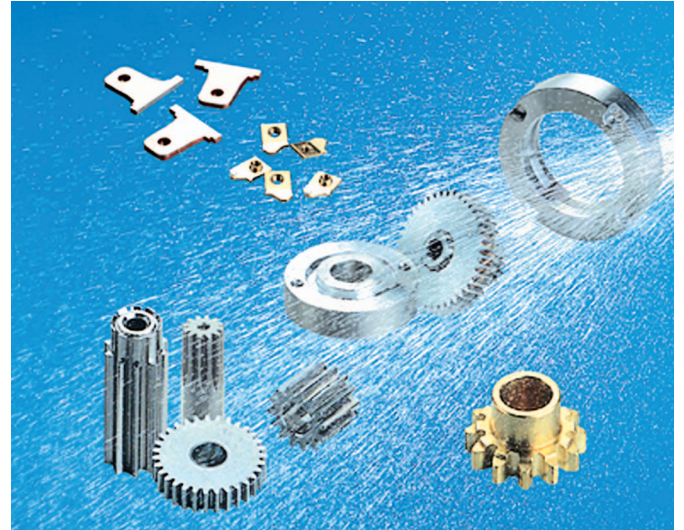


deconex[®] MetalClear NS

Mildly acidic, non-foaming cleaning concentrate for metals

For use in spray cleaning systems as well as for soaking baths and ultrasonic cleaning systems



Application

deconex MetalClear NS is a liquid, mildly acidic cleaning concentrate. Generally, it is used for cleaning metals after an alkaline precleaning (degreasing or removing residues of polishing compounds).

Due to its strong buffering capacity deconex MetalClear NS can be used for neutralizing alkaline residues before rinsing with demineralised water. Its mildly acidic pH (about 4.0) allows cleaning many sensitive metals like aluminium.

Properties

deconex MetalClear NS has an excellent wetting property. In particular, it is recommended for sensitive metals.

Dosage

In practice, the following dosage has given good results:

Cleaning	Dosage	Temperature	Exposure time
Spray cleaning system	0.3-1%	40-60 °C	2-5 min in softened or in tap water
Ultrasonic cleaning system	2-5%	40-60 °C	3-5 min in softened or in tap water

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 95 g of 50% potassium hydroxide solution per kg of deconex MetalClear NS (concentrate).

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

Due to its strong buffering capacity, traces of alkaline residues are completely neutralized. This is particularly important if no intermediate tap water rinsing is done after alkaline cleaning. The ingredients of deconex MetalClear NS enable a rapid and complete rinsing during the following rinsing process.

deconex MetalClear NS does not foam and thus, it can be used in spray cleaning systems, soaking baths (with or without ultrasound) or in combined spray/ultrasonic systems.

Ingredients

Acids, surfactant compounds, wetting agent, buffer compounds

Material compatibility

Suitable for:

Aluminium, non-ferrous metals, chrome steel, stainless steel inox CrNi, ceramic, porcelain, quartz, synthetic material

Not suitable for:

Zinc

For materials not mentioned please make your own specific compatibility tests or consult Borer Chemie AG.

deconex® MetalClear NS

Chemical/physical data

pH	1% solution in demineralized water	approx. 4.2
Density	concentrate	1.06 g/ml
Appearance	concentrate	transparent, colourless liquid

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:

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