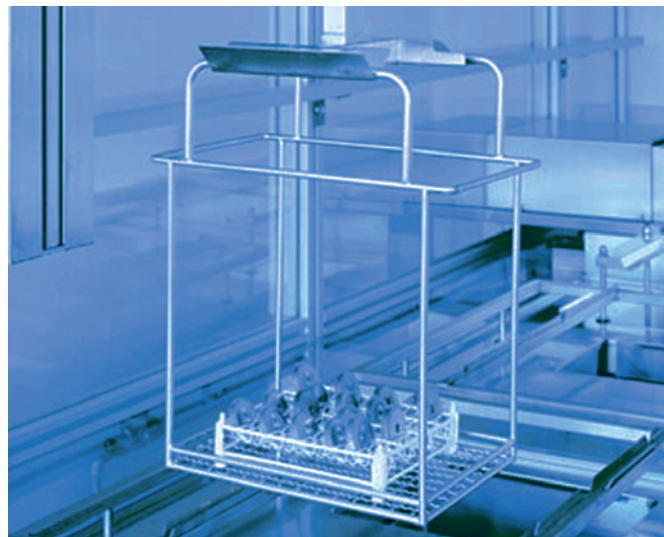


deconex® MetalClear

Mildly acidic special cleaner for metal surfaces

For use in soaking baths and ultrasonic cleaning systems



Application

deconex® MetalClear is a liquid, mildly acidic cleaning concentrate. It is particularly used after precleaning with alkaline detergents (degreasing, removing residues of polishing compounds).

deconex® MetalClear helps to neutralize traces of alkalis before rinsing with demineralized water. Due to its mildly acidic pH value of about 4.0, deconex® MetalClear can be used to treat even sensitive metals such as aluminium.

Properties

deconex® MetalClear has an excellent wetting property for various metals. Due to its strong buffering capacity, traces of alkaline residues are completely neutralized.

Dosage

In practice, the following dosage has given good results:

Dosage	Temperature	Exposure time
1-5%	40-60 °C	2-5 min in softened water 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 201 g of 50% potassium hydroxide solution per kg of deconex® MetalClear (concentrate).

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

This is particularly important if no intermediate tap water rinsing is done after alkaline cleaning. The ingredients of deconex® MetalClear enable a rapid and complete rinsing during the following rinsing process.

deconex® MetalClear slightly brightens up metal surfaces.

Ingredients

Acids, surfactant compounds, wetting agent, buffer compounds

Material compatibility

Suitable for:

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

Not suitable for:

Zinc

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

deconex® MetalClear

Chemical/physical data

pH	1% solution in demineralized water	approx. 4.0
Density	concentrate	approx. 1.12 g/mL
Appearance	concentrate	transparent, colourless liquid

It should be noted that sediment can form over time with this product in its original container. This does not impair the cleaning performance, however.

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.

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