

deconex® 16 PLUS

pH-neutral cleaning concentrate for corrosion-sensitive laboratory material and instruments

Suitable for soaking baths and ultrasonic cleaning
equipment



Application

deconex 16 PLUS is a pH-neutral liquid concentrate for the particularly gentle cleaning of corrosion-sensitive laboratory materials and laboratory instruments. The use of ultrasonic cleaner is recommended.

Properties

deconex 16 PLUS does not contain alkalis and therefore has a very mild action towards materials. This allows it to be used for the cleaning and decontamination of alkali-sensitive laboratory materials and instruments.

Dosage

The optimum dosage depends mainly on how difficult it is to remove the contaminants.

In practice, the following dosage has given good results:

| Cleaning | Concentration | Temperature | Exposure time |
|--------------------|---------------|-------------|---------------|
| Normal | 3-5 % | 20-30 °C | 6-12 h |
| Fast ¹⁾ | 3-5 % | 60-70 °C | 5-15 min |

¹⁾ with ultrasonic cleaner

Increasing the bath temperature accelerates the cleaning process. The use of ultrasonic cleaner reduces the cleaning time to a few minutes.

Material compatibility

Suitable for:

Aluminium, anodised aluminium, zinc, tin, Borosilicate glass 3.3, Duran®, quartz glass, porcelain, stainless steel, chrome nickel steel, polyethylene, polypropylene, Teflon®, silicone rubber, natural rubber

The surfactants used ensure excellent wetting. In combination with the complexing agents, they very effectively remove contaminants. deconex 16 PLUS can be used with hard water and is easily biodegradable.

Ingredients

Surfactants, complexing agents, sequestering agents

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

deconex® 16 PLUS

Chemical/physical data

| | | |
|------------|------------------------------------|--------------------------------|
| pH | 1% solution in demineralized water | approx. 7.9 |
| Density | concentrate | 1.06 g/ml |
| Appearance | concentrate | clear, colourless to 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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advanced cleaning solutions