

deconex® 15 NF

Alkaline cleaning concentrate for laboratory glassware - phosphate-free, non-foaming

Suitable for soaking baths, pipette washers and ultrasonic cleaning equipment



Application

deconex 15 NF is a liquid, alkaline and phosphate-free cleaning concentrate. deconex 15 NF is especially suitable for the pre-cleaning of laboratory glassware before automated cleaning.

After soaking clean the items in a washer - without intermediate rinsing - because possible residues of deconex 15 NF are not creating foam.



Typical applications for pre-cleaning in a soaking bath

Dissolves dried or burnt-in residues, e.g. after sterilization

Against stubborn traces of pen markers

Removing of sticky labels

Collecting glassware for one complete load of the washer

Your benefits of deconex 15 NF

Perfectly clean glassware after cleaning

No use of organic solvents necessary

No manual scratching needed

Residues do not dry in and the washer is used economically

Properties

deconex 15 NF contains a combination of alkalis, complexing agents and non-foaming surfactants that give the product a high and rapid capacity to partially dissolve the most stubborn contaminants. This facilitates their complete removal in automated cleaning and can lead to the use of a lower concentration of the machine cleaner.

The phosphate-free based product can also be universally used for phosphate-critical applications in manual cleaning. Borer Chemie AG also offers suitable phosphate-free automated cleaning processes.

Ingredients

Alkalis, complexing agents, surfactants, solubilizer

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 | 2-3 % | 20-30 °C | 30-60 min |
| Intensive | 3-5 % | 20-30 °C | 1-2 h |

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:

Borosilicate glass 3.3, Duran®, quartz glass, porcelain, stainless steel, chrome nickel steel, polyethylene, polypropylene, Teflon®, silicone rubber, natural rubber

Not suitable for:

Aluminium, zinc, tin

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

Chemical/physical data

| | | |
|------------|------------------------------------|------------------|
| pH | 1% solution in demineralized water | approx. 11.9 |
| Density | concentrate | 1.12 g/ml |
| Appearance | concentrate | clear, 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:

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