

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	Your benefits of deconex® 15 NF
Dissolves dried or burnt-in residues, e.g. after sterilization	Perfectly clean glassware after cleaning
Against stubborn traces of pen markers	No use of organic solvents necessary
Removing of sticky labels	No manual scratching needed
Collecting glassware for one complete load of the washer	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	20-30 mL/L	20-30 °C	30-60 min
Intensive	30-50 mL/L	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.

deconex® 15 NF

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 g / 100 g in DI-water	approx. 12.0
Density	concentrate	1.12 g/mL
Appearance	concentrate	clear, colourless to yellow

Availability

Please ask your local representative about current container sizes.

Additional information

Containers, screw caps and labels are made of recyclable polyethylene.

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.

deconex® products for the highest demands

deconex® products have been specially developed for residue-free cleaning.

Our products and services allow a customised, optimally adapted and effective process.

Request more information by e-mail to: lifesciences@borer.ch

Manufacturer:

Borer Chemie AG

Gewerbestrasse 13, 4528 Zuchwil / Switzerland
Tel +41 32 686 56 00 Fax +41 32 686 56 90
office@borer.ch, www.borer.ch

All information provided is based on our current knowledge and it does not constitute a legally binding assurance of specific product properties.



advanced cleaning solutions