

deconex[®] Products and Processes
For professional laboratory glassware cleaning





Analytically pure laboratory glassware

deconex® cleaners impress with their many and varied advantages:

- + Highly effective
- + Excellent performance at low concentrations, so processes are cost-effective
- + Phosphate- and surfactant-free products
- + Analytically clean glassware and exceptionally safe
- + Excellent rinsability
- + Lowest possible risk of remaining residue
- + Special deconex® formula
- + High compatibility with materials, even with sensitive laboratory glassware
- + Suitable for all laboratory cleaning equipment
- + Universal use and long service life

In addition to process control, choosing the correct cleaner is the most fundamental component in successful cleaning.

Contact us for more information or for comprehensive advice. Our specialists will be pleased to help.



lifesciences@borer.ch

Residue-free cleaning

By using our deconex® cleaners, you avoid residue and incorrect analysis results

deconex® products were developed specifically for cleaning laboratory glassware and ensure residue-free cleaning with consistent and accurate analytical results. With deconex® cleaning processes you attain maximum performance, safety and quality in the cleaning of laboratory glassware.

The ecological solution

deconex® – our ECO promise for maximum customer satisfaction.



Phosphate-free processes without compromising cleanliness

Preserves clean drinking and surface water (no eutrophication).

deconex® highly concentrated cleaner

Economic effect, saves resources

No surfactants used whenever possible

Powerful processes with surfactant-free deconex® cleaners. Reduces the number of organic substances discharged into the environment.

deconex® – sustainable formulations

No chelating agents to harm the environment. Clean soil and water without additional accumulation of heavy metals.



Manual cleaning of laboratory glassware

Because manual cleaning usually takes place at room temperature and without mechanical support and moreover, the rinsing process is not standardised, choosing a suitable cleaner is all the more important. Manual deconex® cleaners are self-acting, versatile, economical (cleaning bath life up to 2 weeks) and leave no residue when rinsed.



Practical tip

Correct dosing of the deconex® cleaner
allows perfect results

After using glassware, place it in the bath as quickly as possible
to avoid dried-on residue

Make sure that it is completely covered!

If possible, close the bath with a lid.
Respect the exposure time!

After cleaning:

Thoroughly rinse the glassware with drinking water,

then

rinse again with demineralized water,

allow it to dry completely on a drip board or in a drying cabinet.



Automated cleaning of laboratory glassware

Automated cleaning of laboratory glassware delivers reproducible results. Automated processes require only short cleaning times because cleaning occurs at higher temperatures with strong mechanical action. A cleaning process perfectly adapted for the application yields analytically clean laboratory glass. deconex® provides the optimal solution. Experience the effectiveness and performance of deconex® products. deconex® cleaners, neutralising agents and additives are suitable for use with any laboratory washer.



Practical tip

Regularly check the dosing.

Perfect results every time

Choose the correct programme.

The best processes are effective, economical and protect the environment

Only start the washer when fully loaded.

Place glassware in deconex® 15 NF and fill the machine without interim rinsing.

Allows sustainable, cost-effective operation.

Always keep the washer chamber clean, remove detached labels and glass shards.

Maintains high cleaning performance

Ensure regular maintenance and servicing of the washer.

Consistently high cleaning quality

Prolongs the washer's service life

deconex® Products and Properties



Manual cleaning and pre-cleaning

deconex® 11 UNIVERSAL eco The classic— newly reformulated.	●	○	●
deconex® 12 BASIC Mild alkaline cleaner. High swelling capacity to combat stubborn residues. Can also be used with sensitive glass.	○	○	●
deconex® 15 NF Phosphate-free cleaner. Ideal for pre-cleaning. Just put the glassware straight into the machine. No need for intermediate rinsing.	●	○	●
deconex® 15 PF-x Phosphate-free cleaner. Versatile.	●	○	●
deconex® 20 NS-x Alkaline, surfactant-free and phosphatic cleaner, which can also be used in machines.	○	●	●

Automated cleaning

Especially gentle cleaning

deconex® 21 LAB CLF Liquid cleaner with superb material compatibility, also suitable for aluminium.	○	●	●
deconex® 25 ORGANACID Phosphate-free neutraliser based on organic acid.	●	●	●

The standard solution for thorough cleaning

deconex® 22 LIQ-x Liquid, alkaline cleaner. No phosphates or surfactants. Outstanding dispersing power.	●	●	●
deconex® 25 ORGANACID Phosphate-free neutraliser based on organic acid.	●	●	●

The power solution for high performance processes

deconex® 22 HPF-x Liquid, highly alkaline cleaner. No phosphates or surfactants.	●	●	●
deconex® 24 LIQ Surfactant-free cleaner for particularly stubborn residues. Contains active chlorine.	○	●	○
deconex® 26 MINERALACID / deconex® 26 PLUS Liquid neutralisers based on inorganic acid.	○	●	●

Ask us about powder cleaners and other products!

Additives

deconex® 32 EMULGATOR Liquid additive to acid or alkaline cleaning agents for the emulsification of fatty substances.	●	○	●
deconex® 44 PEROXYCLEAN Cleaning enhancer, oxidizing.	●	●	●

Laboratory equipment grease

glisseal N The classic for every laboratory. In a handy tube – just where you want it.			
glisseal HV For maximum requirements and loads in the high-vacuum range.			

Borer Chemie AG

The specialists in cleaning and disinfection

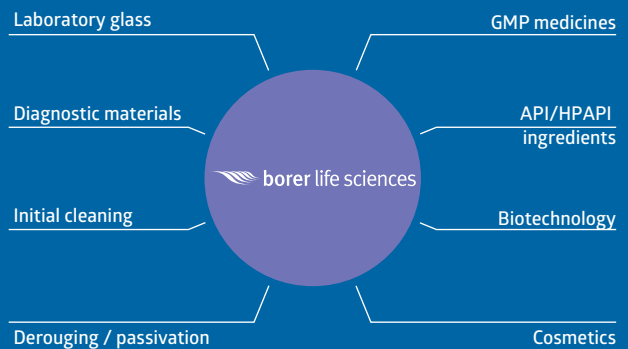
Competence and innovation – worldwide

We have been researching, developing and manufacturing products in Switzerland for demanding applications in the field of cleaning and disinfection since 1965. Our deconex® and decosept® branded products are used in the industrial sector, in hospital hygiene, in laboratories, in the pharmaceutical sector and in hand and surface disinfection. We distribute our products worldwide through a network of subsidiaries and distribution partners.



Demonstrably clean: focus on residue-free cleaning

Analytically clean surfaces are not only required for laboratory glassware cleaning, but also for validated cleaning, for example in pharmaceutical production according to GMP. The combination of a specific cleaning method and the right cleaning agent results in effective and residue-free cleaning. Optimised processes reduce downtimes and increase productivity. They also ensure that the value of production facilities is maintained.

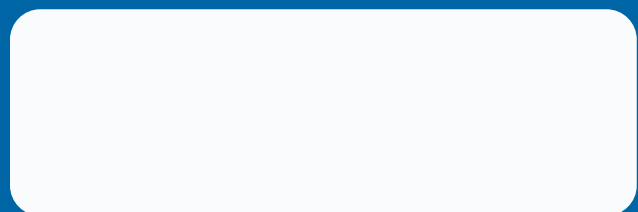


deconex® CLEAN study: a unique service

We share our expertise in the development of cleaning processes with our customers in the form of a deconex® CLEAN study. With our products and comprehensive documentation, the cleaning validation process is successful. Users also benefit from the programmes at our Borer Cleaning Academy. Through education and individual training, they are able to improve their expertise in demanding cleaning.



Borer Chemie AG
Gewerbstrasse 13, 4528 Zuchwil / Switzerland
Tel. +41 32 686 56 00, Fax +41 32 686 56 90
office@borer.ch, www.borer.swiss



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