



Validated manual cleaning

Manual cleaning in the pharmaceutical industry

Particularly when it comes to manually cleaning surfaces in contact with the product, the type of cleaner plays an important role. Dismantled small parts are very difficult for staff to clean, for example because of their complex shapes. In manual operations the human factor is always key. A robust process with an optimal cleaner is therefore essential to achieving or maintaining the validated state.

Borer Chemie AG offers an optimal range of suitable cleaners for manual processes in the cGMP environment.

Advantages with deconex®

Cost benefit

- + Evaluation of effective processes by Borer Chemie AG:
- + considerably reduces your workload
- + Automatic cleaning: reduces effort and thus cleaning times
- + Highly effective, even at low concentrations: reduces cleaner consumption

Safety

- + Easy to rinse off: short rinsing cycles, minimises the risk of carry-over
- + Excellent material compatibility: increases lifetime of production equipment
- + Strong cleaning power: reduces risk of cross contamination

Validation

- + Specific and validated analytical methods: are available
- + deconex® products enable tough processes: reduce the effect of the «human factors»
- + Extensive product documentation makes determining acceptance limits easier

Choose from three highly effective cleaners

All deconex® products for demanding applications in the pharmaceutical and cosmetics industry have been especially developed on the basis of our customers' requirements and are fully documented.



Overview of deconex® cleaners for manual processes

Mildly alkaline

For widely effective application with outstanding detaching power

pH-neutral products

pH-neutral deconex® cleaners offer excellent material compatibility and develop excellent cleaning power

	deconex® CIP wash-x	deconex® SURFAX	deconex® CIP alu-pro
Properties	mildly alkaline	phosphate-free-free	surfactant-free
Foaming characteristics	low	moderate	foam-free
Rinsability	excellent	excellent	outstanding
Special	Also suitable for high-pressure cleaners	Also suitable for work surfaces	+ Also suitable for CIP processes + With deconex® CIP surf against stubborn residue
Typical applications	Glass jars in biotechnology, stainless steel mesh screens, rotation brushes, dismantled individual parts.	deconex® SURFAX is also especially suitable for cleaning individual parts of filling lines.	Parts made from aluminium and anodised aluminium, e.g. for format parts.

All the products can also be used in the ultrasonic bath e.g. for cleaning screens, filling cannula or small parts.

Further product advantages

Suitable analytical methods allow you to demonstrate potential residue. We would be delighted to advise you on implementing cleaning validation.

deconex® manual cleaners are also available in handy small primary packings. If you prefer larger primary packings, we can provide the right accessories for easy dispensing.

Talk to us

We will also be happy to inspire you with our cleaning processes based on Quality by Design QbD and set new standards in validated cleaning methods.

Ask us for a product sample or to carry out a deconex® CLEAN study. This will provide you with some of the *rationale* in line with cGMP specifications for manual cleaning methods too..

Benefit from our support and expertise when automating manual processes.



Contact us and benefit from our know-how!
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