

Outstanding cleaning
performance with
perform[®] sterile mucasol



we protect lives
worldwide





pH ~11.6
alkaline

highly
effective

sterile



The new hero among cleaning agents. Powerful, alkaline, sterile.

Safe wipe-cleaning of surfaces in the workplace is essential in many sectors, particularly in drug manufacturing. Especially when patient-specific preparations of cytostatics or monoclonal antibodies are being manufactured in sterile areas.

Benefits of perform® sterile mucasol at a glance:

- ✓ Sterile, highly alkaline cleaning agent (pH ~11.6)
- ✓ Study-based: Highly effective at wipe-cleaning commonly used cytostatics¹ and monoclonal antibodies²
- ✓ Broad compatibility with various materials including metals, plastics and elastomers³
- ✓ Tried and tested bag-in-bottle system for maintaining sterility after seal broken
- ✓ Dual outer packaging means it can be safely passed through the lock into the sterile area



¹ Institut für Umwelt & Energie, Technik & Analytik e. V. - IUTA-Report of analysis No. 23/449: cleaning validation study of perform® sterile mucasol for cytostatic drugs
² Institut für Umwelt & Energie, Technik & Analytik e. V. - IUTA-Report of analysis No. 23/718: cleaning validation study of perform® sterile mucasol for monoclonal antibodies
³ Gutachten von schülke erhältlich. Kontakt mit Aluminium vermeiden.

Strong action against unwanted cytostatics.

Proven high cleaning performance levels for your clean room – to protect health.

Cancer treatment routinely involves the use of patient-specific preparations, where the drug and dose are produced in clean rooms in pharmacies and hospital pharmacies and specialist facilities and then adjusted to the patient's individual requirements.

The mechanisms of action of cytostatics mean they may be carcinogenic, mutagenic and/or toxic to reproduction (CMR). Compliance with GMP guidelines or equivalent national guidelines is essential to ensure high product quality is maintained and personnel and the environment are protected.

The "MEWIP"⁴ research project measured workplace contamination with cytostatics by taking repeated wipe samples from selected surfaces.

This demonstrated carryover and contamination of cytostatics on a range of different surfaces, which are potentially hazardous to health at the following sites:



On keyboards and telephones in the clean room



In ward rooms



In corridors



On patient toilets and other relevant areas



In storage and disposal rooms

Our tip:

Validated cleaning processes are required in addition to safe handling methods.

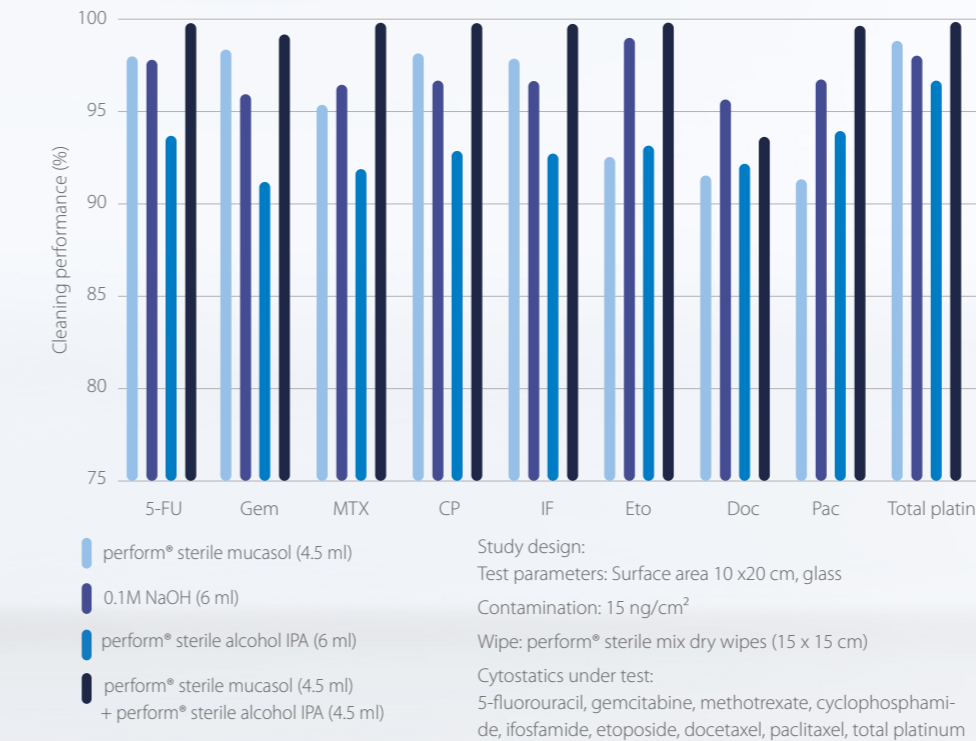
⁴ Monitoring-Effect Study of Wipe Sampling in Pharmacies, BGW [Institution for Statutory Accident Insurance and Prevention in the Health and Welfare Services] and Institut für Energie- und Umwelttechnik e.V., 2008

Tested by IUTA¹:



Wipe-cleaning for commonly used cytostatics with **perform® sterile mucasol¹**

➔ **perform® sterile mucasol** has proven to be a suitable alkaline cleaning solution, particularly in combination with **perform® sterile alcohol IPA**



¹ Institut für Umwelt & Energie, Technik & Analytik e. V. - IUTA-Report of analysis No. 23/449: cleaning validation study of perform® sterile mucasol for cytostatic drugs

Use disinfectants carefully. Always read the product label and product information before use.



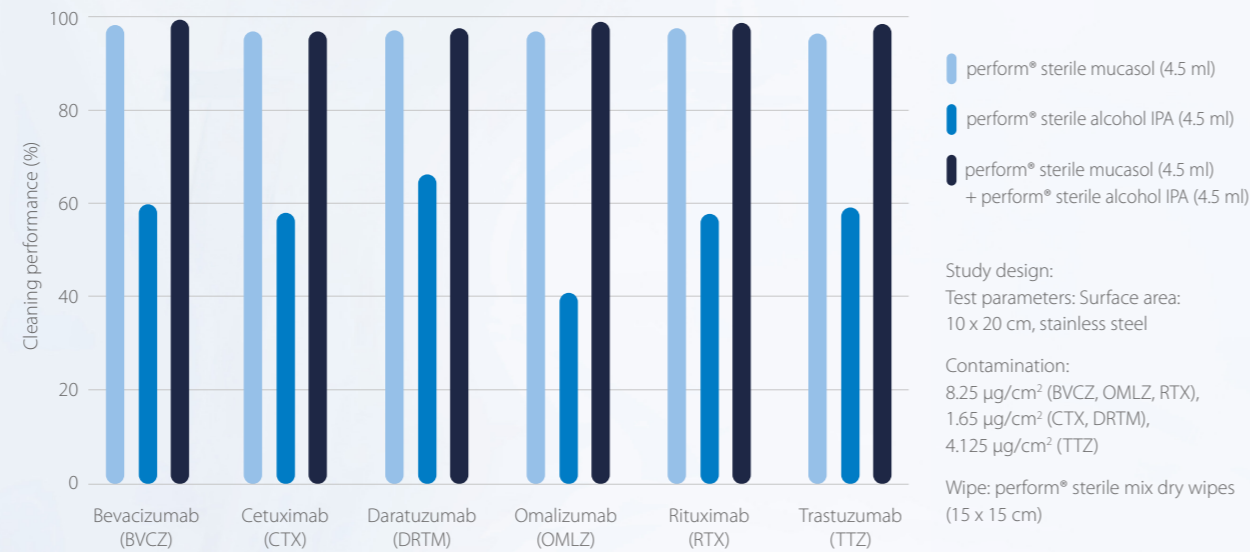
Monoclonal antibodies have no chance.

Tried and tested wipe-cleaning for preventing contamination²

Reliable wipe-cleaning of active substances is also highly important in ensuring clean working when handling monoclonal antibodies. Reliable wipe-cleaning can prevent unwanted contamination after spills or preparations.

Wipe-cleaning of monoclonal antibodies with **perform® sterile mucasol**²

➔ **perform® sterile mucasol** has proven to be a suitable cleaning solution here as well



² Institut für Umwelt & Energie, Technik & Analytik e.V. - IUTA-Report of analysis No. 23/718: cleaning validation study of perform® sterile mucasol for monoclonal antibodies

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schülke →

Verified broad material compatibility of **perform® sterile mucasol**³

Metals

Stainless steel (1.4301, 1.4016), brass, zinc, copper (not compatible with aluminium)

Plastics

PE, polystyrene, ABS, acrylic glass, polycarbonate, POM, PET, polyamide, PS, hard PVC

Elastomers

Natural rubber, grey, EPDM, NBR, IIR, chloroprene, FKM, soft PVC, silicon, PUR

³ Expert opinion available from schülke. Avoid contact with aluminium.

Wir schützen Leben weltweit.

For more than 130 years, the company schülke has stood for pioneering spirit, innovation and quality. As an internationally operating and successful company, schülke is currently one of the market leaders in the areas of infection prevention and hygiene solutions.

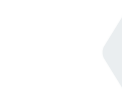
Ensuring suitable hygiene measures to protect your products and employees is increasingly important and significant. Our demand for holistic quality allows us to create sustained value for the environment and society and provide seamless support for your processes. In addition to our internal quality specifications, we are also multi-certified by external institutions.



DIN EN ISO 9001



DIN EN ISO 13485



Find out more at www.schuelke.com or contact us at Life Sciences on life.sciences@schuelke.com



perform® sterile mucasol


The new standard in alkaline cleaning in A/B sterile areas

Pack size	Packaging unit	Art. no.
500 ml spray bottle	10 x 500 ml	70003643
1 l spray bottle	6 x 1 l	70003644

Please contact us if you have any questions, would like some advice or wish to place an order. We'd be delighted to hear from you.

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