

## Hygiene for the cleanroom environment

The **perform**<sup>®</sup> concept for  
maximum **performance** in hygiene quality



the plus of pure  
performance

# Our major plus – competence in hygiene.

## schülke -+

For more than 115 years, our company philosophy has been centred around one concept: hygiene.

As we are a chemical and pharmaceutical company, our products and services protect people and materials from infection and contamination.

we carry more with us  
than we think we  
have packed.



Our world is changing, distances are becoming shorter and borders are opening. Not only are people travelling freely from one country to another, micro-organisms are increasingly popping up as the stowaways of globalisation. The associated risks are frequently underestimated. Dangerous gaps develop in the hygiene chain, our aim is to close these gaps by means of our holistic approach. We offer effective products, competent advice and comprehensive services.

Two of our most important values are sustainability and responsibility. We advocate a sustainable and responsible approach to our natural resources, our environment and our health. The guideline for our daily activities is the codex of the German Association for Environmentally

Friendly Management. Every two years we publish our environmental programme in the form of Environmental Declarations. These are regularly monitored for achievement of the targets set. These statements of our Company philosophy form the foundation of the environmental management system introduced in 1996.

To realise our philosophy schülke's competences embrace GMP, ISO, EMAS certifications and awards.

### GMP.....

We follow the European - standards for "Good Manufacturing Practice for drugs (GMP) and are regularly audited by official drug authorities, which is documented by a GMP certificate.

### ISO certified.....

Our quality management system is certified according to the international standard for Quality Management Systems ISO 9001. We also manufacture medical devices according to the international standard for Quality Management Systems ISO 13485.

### Environmental consciousness.....

We have implemented a validated environmental management system according to the International Standard for Environmental Management Systems ISO 14001. This management system is also validated by to the European Management and Audit Scheme (EMAS).

### Responsible Care.....

Our commitment to customer satisfaction and services was rewarded by the chemical association of North Germany. The association presented us with the Responsible Care Award – "Responsible Care" is a world wide initiative of the chemical industry to take care of environment, health and safety – during manufacture, transport and use.

More than 100 years of competence in hygiene and preservation...



1889 |

Company founded by Rudolf Schülke & Julius Mayr in Hamburg. Presentation of the world's first brand name disinfectant, lysol®.

## Cleaning and disinfection of cleanrooms

We are the right partner for you in the sphere of biotechnology, pharmaceuticals, cosmetics, medicinal product manufacture or life science. The cleaning and disinfection of cleanrooms places strict demands on the products and cleaning equipment used.



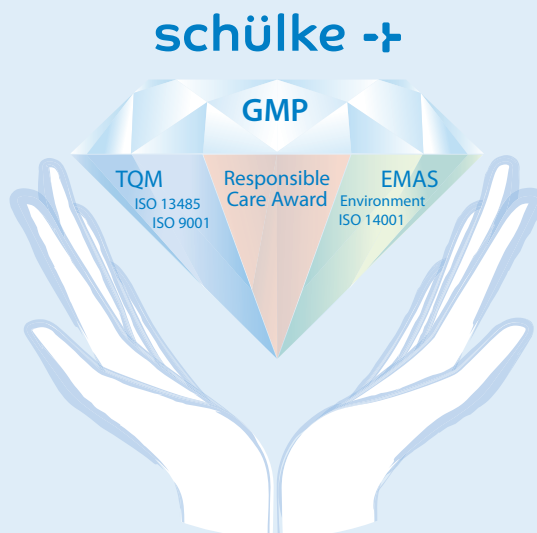
As in the manufacture of hygienically sensitive products, here too the relevant GMP guidelines and recommendations, standards and directives must be taken into account.

The production process for any individual company requires properly targeted cleaning and disinfection measures. For this reason, production hygiene in the cleanrooms and other production areas concerned requires the use of a variety of cleaning agents and disinfectants.



Our four new **perform®** product ranges will comprehensively cover your individual needs:

- \*\*\* **perform® sterile**
- \*\*☆ **perform® advanced**
- ☆☆☆ **perform® classic**
- select **perform® select**



*"We understand our customers because we produce to the same high standards - GMP"*







**1892 |**  
Successful fight against the cholera epidemic in Hamburg with lysol®.



**1913 |**  
Market introduction of sagrotan®, the first brand name disinfectant for domestic use.

# Product range

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*The availability of individual products may vary from one country to another.  
Details are obtainable locally.*



# Production hygiene – perform® sterile

With our **perform® sterile** range we offer you a targeted selection of sterile products, containing active substances compliant with biocide directives, with a broad spectrum of action. These provide you with optimum safety and the possibility of rotating use in the cleanroom.

All products of the **perform® sterile** range are gamma-irradiated or aseptically filled and therefore comply with the strictest requirements for use in cleanroom areas. To facilitate introduction into cleanrooms through airlocks, all products in this range are double wrapped.



## perform® sterile alcohol EP

Sterile, alcohol-based solution for surface disinfection in cleanrooms.

### Our plus:

- fast, effective and residue free
- gamma-irradiated and microbial filtered (0.2µm)
- ready to use in handy, sterile 500ml spray bottle
- colour & perfume free
- bactericidal, virucidal (BVDV/Vaccinia), fungicidal
- efficacy tested to European norms
- optional with/without WFI

Container size	Case	Art. No.
500 ml bottle	x 10	121802
500 ml bottle (with WFI)	x 10	119801



## perform® sterile alcohol IPA

Sterile, alcohol-based solution for surface disinfection in clean rooms.

### Our plus:

- fast, effective and residue free
- gamma-irradiated and microbial filtered (0.2 µm)
- ready to use in handy, sterile 500 ml spray bottle
- colour & perfume free
- bactericidal, virucidal (BVDV/Vaccinia), fungicidal
- efficacy tested to European norms
- optional with / without WFI

Container size	Case	Art. No.
500 ml bottle	x 10	136406
500 ml bottle (with WFI)	x 10	121101

Available  
Soon

Use disinfectant safely.  
Always read label and product information before use.





# perform® sterile



Available  
Soon

## perform® sterile PAA

Sterile, ready to use solution based on peracetic acid for surface disinfection in clean rooms.

### Our plus:

- fast, effective and sporicidal
- aseptically filled and microbial filtered (0.2 µm)
- ready to use in handy, sterile 500 ml spray bottle
- colour & perfume free
- bactericidal, fungicidal, sporicidal, virucidal (BVDV/Vaccinia),
- efficacy tested to European norms

### Container size

500 ml bottle

### Case

x 10

### Art. No.

100081

## perform® sterile concentrate QB

Sterile, liquid concentrate based on quaternary ammonium compounds and biguanide for surface disinfection in cleanrooms.

### Our plus:

- fast and effective
- gamma-irradiated and microbial filtered (0.2µm)
- convenient single-use bottle
- colour & perfume free
- bactericidal, virucidal (BVDV/Vaccinia), yeasticidal
- efficacy tested to European norms

### Container size

5 x 40 ml

### Case

x 4

### Art. No.

112703

(Double wrapped in sets of 5 bottles)

## perform® sterile concentrate PAA

Sterile, liquid concentrate based on peracetic acid for surface disinfection in cleanrooms.

### Our plus:

- fast, effective and sporicidal
- aseptically filled and microbial filtered (0.2µm)
- convenient single-use bottle
- colour and perfume free
- bactericidal, fungicidal, sporicidal, virucidal (BVDV / Vaccinia)
- efficacy tested to European norms

### Container size

40 ml

### Case

x 20

### Art. No.

100071

(Bottles are individually double wrapped for ease of introduction through airlock)

1965 |

First aldehyde-based disinfectant



1975 |

gigasept® the first disinfectant against HBV.



1980 |

kodan® skin-friendly antiseptic for use e.g. before injections.



# perform<sup>®</sup> sterile

## perform<sup>®</sup> sterile concentrate OXY



Sterile, concentrated powder based on active oxygen for surface disinfection in cleanrooms.

### Our plus:

- sporicidal and material-compatible
- gamma-irradiated
- convenient single-use sachets
- colour free
- bactericidal, virucidal (BVDV/Vaccinia), fungicidal, sporicidal
- efficacy tested to European norms

### Container size

5 x 40 g sachets  
(Double wrapped in sets of 5 sachets)

### Case

x 10

### Art. No.

122351

## perform<sup>®</sup> sterile cleaner ND



Sterile, ready to use solution based on non-ionic surfactants for surface cleaning in cleanrooms.

### Our plus:

- ready to use
- gamma-irradiated and microbial filtered (0.2µm)
- convenient sterile 500ml spray bottle
- colour and perfume free
- excellent cleaning performance

### Container size

500 ml

### Case

x 10

### Art. No.

182002

(Individually double wrapped)

Use disinfectant safely.  
Always read label and product information before use.



1981 |

First launch of mikrozid<sup>®</sup> – now the leading rapid disinfectant on the market for the medical sphere.



1984 |

Introduction of a comprehensive range for the mechanical preparation of medicinal products: thermosept<sup>®</sup> products.



Looking for high quality products but do not need sterile products?

Then products of the **perform<sup>®</sup> advanced** range are just what you need. They comply with guidelines on biocides and are microbial filtered.



### perform<sup>®</sup> advanced alcohol EP

Microbial filtered, alcohol-based ready to use solution for surface disinfection in cleanrooms.

➔ **Our plus:**

- fast, effective and residue free
- microbial filtered (0.2µm)
- ready to use
- colour and perfume free
- bactericidal, virucidal (BVDV, Vaccinia), fungicidal
- efficacy tested to European norms

Container size	Case	Art. No.
1 litre bottle	x 10	121804
10 litre canister	x 1	121805
Sterile double wrapped spray pump for 1 litre bottles		
	x 10	180122
Individually wrapped spray pump for 1litre bottles		
	x 10	180112

### perform<sup>®</sup> advanced concentrate QB

Microbial filtered concentrated liquid based on quaternary ammonium compounds and biguanide for surface disinfection in cleanrooms.



➔ **Our plus:**

- fast and effective
- microbial filtered (0.2µm)
- convenient single-use bottle
- colour and perfume free
- bactericidal, virucidal (BVDV, Vaccinia), yeasticial
- efficacy tested to European norms

Container size	Case	Art. No.
5 x 40ml (Wrapped in pack of 5)	x 4	112701



**1986 |**  
Development of formaldehyde-free disinfectants, e.g. antisept<sup>®</sup>, gigaSept<sup>®</sup> FF.



**1989 |**  
Schülke & Mayr celebrates its 100th anniversary.



Our perform® classic range of products offers you a comprehensive selection of active substances with a broad spectrum of action and possible applications, conforming with biocide regulations.



## perform® classic alcohol EP

Alcohol-based ready to use solution for surface disinfection.

### Our plus:

- fast, effective and residue free
- ready to use
- colour and perfume free
- bactericidal, virucidal (BVDV/Vaccinia), fungicidal
- efficacy tested to European norms

Container size	Case	Art. No.
1 litre bottle	x 10	113908
10 litre canister	x 1	113909
200 litre barrel	x 1	113910



## perform® classic wipes EP

Ready to use moistened cloths for surface disinfection.

### Our plus:

- fast and effective
- generous supply of 200 (almost A4 size) jumbo cloths per container
- colour free
- bactericidal, virucidal (BVDV/Vaccinia), fungicidal
- efficacy tested to European norms

Container size	Case	Art. No.
200 wipe tub	x 10	109196

Use disinfectant safely.  
Always read label and product information before use.



1990 | Introduction of octenisept®, a mucosal and wound antiseptic.



1991 | Introduction of sensiva® SC 50 – skin care additive and deodorant.



# perform<sup>®</sup> classic



## perform<sup>®</sup> classic concentrate Q-Plus

Liquid concentrate based on quaternary ammonium, aromatic alcohols, non ionic surfactants and amphoteric glycine derivative for surface cleaning and disinfection.

### Our plus:

- effective and cleansing
- good material compatibility
- bactericidal, virucidal (BVDV/Vaccinia), fungicidal
- efficacy tested to European norms

Container size	Case	Art. No.
2 litre bottle	x 5	181622
5 litre canister	x 1	181625



## perform<sup>®</sup> classic concentrate OXY

Powder concentrate based on active oxygen for surface disinfection.

### Our plus:

- sporicidal and material-compatible
- convenient single-use sachet
- colour free
- bactericidal, virucidal (BVDV/Vaccinia), fungicidal, sporicidal
- efficacy tested to European norms

Container size	Case	Art. No.
40 g sachet	x 250	122320



## perform<sup>®</sup> classic concentrate GA

Liquid concentrate based on aldehydes for disinfection of surfaces and equipment.

### Our plus:

- foam-free and effective
- good material compatibility
- residue-free rinsing
- suitable for equipment disinfection (e.g. in CIP systems)
- bactericidal, virucidal (BVDV/Vaccinia) fungicidal
- efficacy tested to European norms

Container size	Case	Art. No.
10 litre canister	x 1	148420
200 litre barrel	x 1	148421



1991/92 | Introduction of aldehyde-free disinfectants, e.g. terralin<sup>®</sup> and lysetol<sup>®</sup> AF.



1996 | Schülke & Mayr become a subsidiary of AIR Liquide AG



### perform® classic concentrate QB

Liquid concentrate based on quaternary ammonium compounds and biguanide for surface disinfection.

**Our plus:**

- fast and effective
- available in a convenient single-use bottle
- colour and perfume free
- bactericidal, virucidal (BVDV, Vaccinia), yeasticidal
- efficacy tested to European norms

Container size	Case	Art. No.
20 x 40 ml bottles	x 1	112723
2 litre bottle	x 5	112721
5 litre canister	x 1	112722

### perform® classic concentrate PAA

Liquid concentrate based on peracetic acid for surface disinfection in cleanrooms.

**Our plus:**

- fast, effective and sporidical
- convenient single-use bottle
- colour and perfume free
- bactericidal, fungicidal, sporicidal, virucidal (BVDV / Vaccinia)
- efficacy tested to European norms

Container size	Case	Art. No.
12 x 40 ml bottles	x 1	182510



Use disinfectant safely.

Always read label and product information before use.



1997 |

Hand disinfection product with virucidal efficacy in lipophilic and hydrophilic viruses: desderman® N.



2000 |

Schülke & Mayr: 111 years young and already represented in more than 60 countries worldwide.



The products of our **perform<sup>®</sup> select** range are specially designed for selected uses like bio-decontamination of rooms or equipment using vapour technology or for use in isolators/transfer hatches.



## perform<sup>®</sup> select H<sub>2</sub>O<sub>2</sub>

High purity, ready to use solution based on hydrogen peroxide for bio-decontamination of rooms and equipment using vapour technology.

### Our plus:

- high level bio-decontamination (incl. spores) of rooms and equipment
- for use in machines with vapour technology
- residue free

Container size	Case	Art. No.
900 ml bottle	x 4	194701
5 litre cannister	x 2	194702



Available Soon

## perform<sup>®</sup> select soproper

Ready to use solution based on active oxygen for disinfection of surfaces in isolators/transfer hatches using vapour technology.

### Our plus:

- ready to use
- residue free
- efficacy tested to European norms

Container size	Case	Art. No.
900 g bottle	x 4	197430
5 kg cannister	x1	197431



Available Soon

## perform<sup>®</sup> select bactipal 3.5 HP

Ready to use solution based on active oxygen for disinfection of surfaces in isolators/transfer hatches using spay technology.

### Our plus:

- high purity
- ready to use
- residue free
- efficacy tested to European norms

Container size	Case	Art. No.
900 g Bottle	x 4	197330
5 kg cannister	x1	197331
25 kg cannister	x1	197332

Use disinfectant safely.  
Always read label and product information before use.



**2002 |**  
Colour and perfume free skin care range, sensiva<sup>®</sup>, designed to meet the special needs of medical staff.



**2004 |**  
Disinfection of cleanrooms – with perdes<sup>®</sup> steril there is now a sporicidal and sterile disinfectant.

# Cleaning Equipment

Cleanroom - compatible materials, autoclavable equipment and optimum ergonomics – just some of the requirements for the cleaning equipment to be used in cleanrooms.

Here we offer you a mutually compatible selection of cleanroom cloths, mop heads and system trolleys.



## clear clean dry-wipes sterile

Sterile, cleanroom compatible dry cloths.

### Our plus:

- gamma-irradiated
- low-particle cloths with laser-cut edges
- convenient size (30 x 30 cm)
- flexible use for all products in the perform product range
- double wrapped in convenient packs of 10

### Container size

10 cloths

### Case

10

### Art. No.

281010



## stainless steel mop and microfibre mop head

Cleanroom compatible mop head.

### Our plus:

- autoclavable
- cleanroom-compatible special microfibre-based yarn
- ensures safe disinfection by uniform wetting
- can be washed and reused
- ergonomic

### More information

For more information please speak to your local representative.



## system trolley clino CR

Cleaning system trolley.

### Our plus:

- autoclavable
- stainless steel
- model adjustable for specific applications
- GMP-compliant
- certified by Fraunhofer IPA, Stuttgart

### More information

For more information please speak to your local representative.



### 2006 |

Surface disinfection and cleaning in one step – the newly introduced product terralin® protect makes this possible.



### 2006 |

AntiMRSAsset – the system solution for the treatment of MRSA to protect from infections.

# Personal hygiene



In addition to production hygiene, personal hygiene in particular plays an important role.

The main focus of attention is skin, hand cleansing and disinfection.

## desderman® pure



Advanced rapid acting alcohol based hand rub / gel, formulated for hygienic and surgical hand disinfection in 90 seconds.

### Our plus:

- very good efficacy and increased skin compatibility
- colour & perfume free
- effective against bacteria (Tb, MRSA, VRE), fungi and viruses (Inc. HBV, HCV, HIV, Polio, Herpes Simplex, Adeno, Rota and vaccinia virus) in 90 seconds
- suitable for frequent use

Container size	Case	Art. No.
gel 60 ml	24	126906
liquid 60 ml	24	116811
gel 150 ml	30	126905
liquid 150 ml	30	116806
gel 500 ml	20	126907
liquid 500 ml	20	116816
gel 1 L bottle	10	126903
liquid 1 L bottle	10	116808

## sensiva® wash lotion



pH neutral, soap free, wash lotion for stressed and sensitive skin.

### Our plus:

- the ideal product for sensitive skin
- perfume and colour free
- use at the start of the day or when hands are visibly contaminated

Container size	Case	Art. No.
500 ml bottle	x 20	114006
1 litre bottle	x 10	114002

## sensiva® protective emulsion



A gentle rapidly absorbed moisturising cream, for maintaining the integrity of the skin.

### Our plus:

- no unnecessary perfume or colour
- quick absorption, leaves a nice non-greasy feel to your hands
- use to protect and maintain your skin condition

Container size	Case	Art. No.
150 ml bottle	x 20	116001
500 ml bottle	x 10	116003

# Effective solutions for hands and skin

## The right protection for your most valuable instruments.

In cleanrooms and pharmaceutical production, no instrument is as important with respect to hygiene as the human hand. Those who are in constant contact with equipment require optimal, antiseptic protection with simultaneous comprehensive care for the skin.



### **The hand is the most versatile tool in the world and the most important for human beings.**

Despite all modern technology, the human hand is in constant use in cleanrooms and other production areas and in permanent contact with equipment.

In 80% of cases, nosocomial infections are transmitted via the hands. Hand hygiene is therefore the most important preventative measure. Hand hygiene routines demand products that are specially formulated to care for and protect stressed skin whilst conserving natural moisture.





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