

schülke -†

The Plus in Infection Prevention

Innovation solution for
medical institutions
2021/22



we protect lives
worldwide



Our major plus - our total hygiene skills.

schülke

We protect lives worldwide.

Our products and services protect people and materials against infections and contaminations. In so doing, we have learnt that the prevention of infections is considerably easier than fighting them.

Our world is changing. Our planet is getting closer, borders are breaking down. People are travelling from country to country and microorganisms are turning up ever more frequently as invisible passengers in a globalised world. The risks associated with this are often underestimated.

Counter-measures deal more with treating the symptoms rather than fighting the causes. Subsequently there are gaps appearing in the hygiene chain. We want to close these gaps with our integrated approach. We offer effective products, competent advice and a broad range of services.

Our hygiene concept is based on over 130 years of experiences with the successful combat of any kind of germs. Our solution for the microbiological challenge consists out of many new procedures and products.

With all the activities of our company we feel obliged to keep sustainability for a safe environment.



Resource efficiency, environment protection and social responsibility during product developments are a main focus for schülke.

We believe in the power of partnerships when searching for the best solution. In collaboration with industry leaders and experts we strive to provide excellence and innovation. We aim to offer tested solutions as soon as new hygiene-related problems emerge.

As hygiene experts we must always be ahead of our time. Take for example octenisept: Within a short time this product range has become market leader in the wound and mucous membrane antiseptic.

(Source: IMS Health Germany)



➤ Hand disinfection puts an end to GERMS.



The Importance of hand hygiene

What is hand hygiene and why is it important?

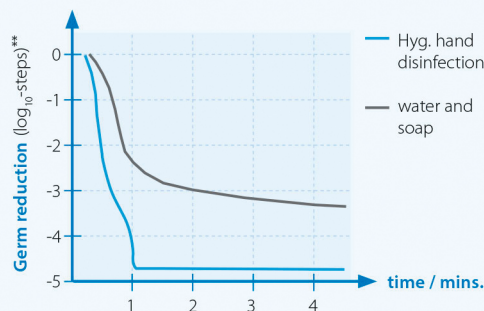
Hand hygiene is a way of cleaning one's hands that substantially reduces potential pathogens (harmful microorganisms) on the hands. It is considered a primary measure for reducing the risk of transmitting infection among people. Hygiene and cleanliness is of the utmost importance during this time of COVID-19.

The foreign bacterial flora harbours a high risk of infection, as it is also home to microbes with a pathogenic potential, pathogens from existing infections and viruses.

Hand disinfection must always happen*

- 1 | BEFORE patient contact
- 2 | BEFORE an antiseptic activity
- 3 | AFTER contact with possibly contaminated materials
- 4 | AFTER patient contact
- 5 | AFTER contact with the direct environment of the patient

* Source: Information brochure 'Clean Hands Campaign' according to the recommendation of the WHO



** Reduction of 3 log₁₀-steps means a reduction of 99.9 % of the germs.

Alcoholic skin disinfectants. Compatible for all skin types.

The skin's compatibility to alcohol is a question which keeps resurfacing when talking about alcohol-based skin disinfection. Unlike water and soap, the skin's innate pH value is not altered in a clinically relevant way by alcohol. This helps to preserve the skin-protective properties of the natural acid mantle of the skin. The decision about which alcoholic base (the types and the concentration level of alcohol) of a disinfectant is preferred, depends on the efficacy of the product, the individual skin compatibility as well as preference.

In some rare cases, the alcohol used in hand disinfectants might be the cause of contact allergy. When using an alcohol-based hand disinfectant, the alcoholic component evaporates rapidly during the hand rubbing process. During this process, the skin lipids dissolve but they are not removed. The skin lipids are actually redistributed, keeping the skin's fatty film intact.

In addition, the high quality disinfectants made by schülke provides skin protection, keeping the skin hydrated through the use of moisturising - retaining substances, nurturing additives and emollients that restore the lipid.



Hand Disinfection



desderman® care gel

Ready-to-use alcohol-based hand rub for hygienic and surgical hand disinfection with dexpanthenol and vitamin E

Our plus

- broad spectrum of efficacy (incl. viruses)
- colour and fragrance free (skin friendly, hypoallergenic)
- dermatologically approved
- norovirus efficacy in 15 sec
- outstanding skin protection and care through an innovative formulation (Panthenol-complex + Vitamin E) taking care of hands with every hand disinfection

Pack size

- 500ml bottle



desmanol®

Alcohol-based rub for hygienic and surgical hand disinfection with skincare properties

Our plus

- protects and cares for hands with special lipid replacement system
- certified according to EN 1500 and EN 12791 standards
- meets the FDA clinical efficacy standard (TFM)
- marked remanence effect

Pack size

- 500ml bottle



desmanol® pure

Ready-to-use alcoholic rub for hygienic and surgical hand disinfection with skincare properties

Our plus

- broad spectrum of efficacy (incl. viruses)
- outstanding skin protection and care through an innovative formulation (Dexpanthenol + Ethylhexylglycerin)
- colour and fragrance free
- dermatologically approved

Pack size

- 500ml bottle



hyclick®
system

Hand Disinfection



MICROSHIELD® handrub solution

Liquid alcohol-based hand rub containing chlorhexidine gluconate (CHG)

Our plus

- Easy and convenient to use
- Comes with a pleasant fragrance
- Kills bacteria without water
- Broad spectrum, fast acting
- Enriched with emollient and moisturizer
- Suitable for users who prefer liquid based hand rub

Pack size

- 500ml bottle



MICROSHIELD® Angel Blue

Hygienic hand rub with fragrance and skincare properties

Our plus

- Hygienic hand rub
- Enriched with emollient and moisturizer
- Kills bacteria without water
- pH balanced

Pack size

- 100ml bottle
- 500ml bottle



MICROSHIELD® Angel Clear

Hygienic hand rub without fragrance and colour

Our plus

- Colour-free
- Perfume-free
- Kills bacteria without water
- Enriched with emollient and moisturizer
- pH-balanced

Pack size

- 100ml bottle
- 500ml bottle



Hand Disinfection



MICROSHIELD® Antiseptic Hand Rub Solution

The latest addition to the MICROSHIELD® family provides a fast and effective alternative to surgical hand preparation

Our plus

- Effective against bacteria, fungi and viruses
- Broad spectrum and fast acting
- Enriched with emollient and moisturizer
- Comes with a pleasant fragrance
- Suitable for users who prefer a gel-based hand rub

Pack size

- 500ml bottle
- 1L bottle



So simple, so effective: prevent infections

Disinfect your hands dry hands, **at least 3 ml, 30 seconds** in 6 steps:

1



Palms

2



Back of the hand

3



Palms with interlaced spread fingers

4



Rub interlocked fingers

5



Rub thumbs circling

6



Rub fingertips circling in the palm



➤ Hand Hygiene - the key to reduce the risk of infections.

Hands and body wash



esemtan® skin cleanser

A gentle, soap-free cleanser that comes with a pleasant fragrance and delicate colour

Our plus

- Dermatologically tested
- Enriched with moisturizer (Allantoin)
- Gentle, pH-balanced leaving skin smooth and soft
- Mild-soap free formula cleanses without irritation
- Suitable for all skin types including sensitive skin

Pack size

- 100ml bottle
- 500ml bottle
- 1L bottle



esemtan® cleansing foam

For effective, rapid and gentle cleansing of the skin of incontinent patients

Our plus

- Gentle on skin, cleans effectively
- Odor-covering
- Leaves no sticky film behind
- fresh and pleasant scent
- Dermatologically tested
- Suitable for bed-ridden and incontinent patients

Pack size

- 500ml canister



primasept® wash lotion

Skin-friendly colour and perfume-free wash lotion

Our plus

- Soap-free wash lotion
- Gentle and mild cleansing
- Colour, perfume and lanolin-free
- Dermatologically tested

Pack size

- 1L bottle



Hands and body wash



MICROSHIELD® Skincare Cleanser

Gentle skin cleanser designed for sensitive skin and frequent hand washing

Our plus

- pH balanced
- Enriched with emollient and moisturizer
- Removes and replaces excessive and spent oils
- Compatible with the acid mantle of healthy skin

Pack size

- 500ml bottle



MICROSHIELD® 2 Chlorhexidine Skin Cleanser

Hygienic hand wash indicated for use in antimicrobial hand washing, pre-operative body washing and showering

Our plus

- Used in antimicrobial hand washing, preoperative body washing and showering
- Topical antiseptic solution
- Enriched with emollient and moisturizer
- Able to inactivate or suppress growth of micro-organism

Pack size

- 500ml bottle



Surgical scrub



MICROSHIELD® 4 Chlorhexidine Surgical Handwash

Surgical hand wash with 4% chlorhexidine gluconate indicated for use in antimicrobial and surgical hand washing, pre-operative body washing and showering

Our plus

- Topical antiseptic solution
- Suitable for surgical hand washing
- Enriched with emollient and moisturizer

Pack size

- 500ml bottle



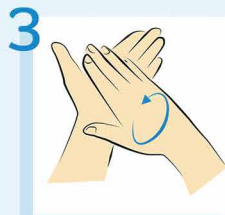
Surgical Hand Washing Steps



1 Wet hands and forearms.*



2 Dispense 5ml of MS4 onto the palm of each hand/arms.



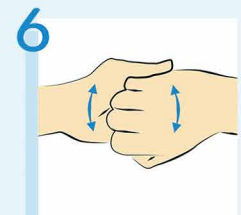
3 Rub hands palm to palm, steps 3 – 9 should take a minimum 2 minutes.



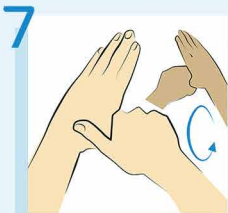
4 Right palm over the back of the other hand with interlaced fingers and vice versa.



5 Palm to palm with fingers interlaced.



6 Backs of the fingers to opposing palms with fingers interlocked.



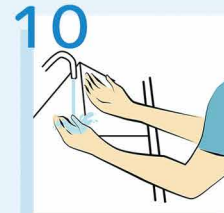
7 Rotational rubbing of the left thumb clasped in right palm and vice versa.



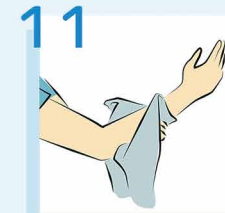
8 Rotational rubbing, backwards and forwards with clasped fingers of the right hand in left palm and vice versa.



9 Scrub the right arm using a rotational method always keeping the hand higher than the arm. Repeat the process for the other hand and arm always keeping hands above the elbow.



10 Rinse hands and arms by passing them through the water in one direction only, from fingertips to elbow. Do not move the arm back and forth through the water.



11 Hold hands above the elbow. Use one sterile, disposable towel per hand and arm. Blot the skin of the hand, then use a corkscrew movement to dry from the hand to the elbow. The towel must not be returned to the hand once the arm has been dried and must be discarded immediately.

*Nails should be cleaned using a soft, single-use disposable nail brush or nail pick before first scrub of the day or if visibly dirty.

➤ Effectively prevent
and reduce the risk of
contact dermatitis



Skin care & Protection

Effectively prevent and reduce the risk of contact dermatitis



The act of cleaning of our hands not only removes the unwanted pathogens but at the same time, the detergent within the soap and alcohol (alcohol-based hand disinfectant) remove the lipids which form a protective barrier on our skin. More than often, the skin replenishes the lipid itself, however, frequent hand washing hastens the lipids depletion weakening the barrier resulting predisposing the individuals to skin irritations.

Firstly, the choice of the products such as alcohol-based hand disinfectants by schullke are carefully formulated with moisturizing properties that have undergone dermatological testing to compensate for the drying effect of the alcohol. However, it is still essential to supplement the skin with creams with high moisturizing effect to replenish the depleted lipids from the skin barrier. This will reduce the risk of irritant contact dermatitis and allergic contact dermatitis due to the use of hand hygiene products.

Cream - but the right way:

- ▢ for hygienic reasons, the product should be extracted via pump or dispenser
- ▢ rub the product gently into clean / dry hands
- ▢ apply the product to the back of the hand and spread the cream with the back of the other hand
- ▢ apply the cream to the fingers and finally to the inside of the hands
- ▢ while rubbing in, pay special attention to the areas between the fingers and the nail beds



What	Skin cleansing 	Skin care 
When	<ul style="list-style-type: none">• when soiling is visible• before breaks• after work	<ul style="list-style-type: none">• after activities which cause risk for the skin• morning and evening
With what (for example)	esemtan® skin cleanser	MICROSHIELD® moisturising lotion esemtan® skin lotion



Skin care and Protection



esemtan® skin lotion

Colour-free body care lotion
for normal skin

Our plus

- Nourishing & moisturizing
- Fast absorbing
- Easy to spread
- Colour-free with pleasant scent
- Dermatologically tested

Pack size

- 150ml bottle
- 500ml bottle



MICROSHIELD® moisturising lotion

Softens and conditions to keep skin
feeling soft and smooth

Our plus

- Enriched with amino acids and Vitamin E
- Absorbs quickly into the skin
- Compatible with hand hygiene products containing chlorhexidine gluconate (CHG)
- Colour and perfume free
- Suitable for all skin types

Pack size

- 500ml bottle



Ideal as
Body
Lotion



➤ octeniderm® colorless -
alcohol-based skin antiseptic
with residual effect

Pre and post-operative disinfectant for skin using octenidine

More than 30 years of colourless skin antiseptic with octeniderm®

Concentrate on what's important. Excellent effect and long-lasting protection are more important than visibly marking the skin. With a residual effect of more than 48 hours and a very rapid onset of action. Particularly well suited prior to invasive procedure with a high risk of infection, e.g. prior to placing a vascular catheter.



octeniderm® colourless

Colourless skin antiseptic with residual antimicrobial activity of at least 48 hours

Our plus

- Residual effect for at least 48 hours
- Effective against a broad spectrum of microorganisms (bactericidal incl. mycobacteria and MRSA, fungicidal, virucidal against enveloped viruses incl. HIV, HBV, HCV, HSV, Adenovirus type 5 and Rotavirus)
- Rapid acting

Pack size

- 250ml bottle
- 1L bottle

Accessories

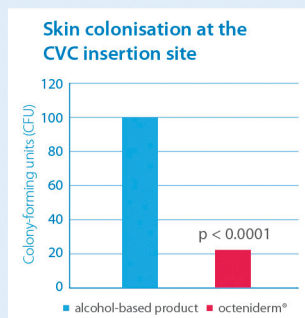
- Spray head top for 1L bottle

octeniderm® helps prevent catheter-associated infections*

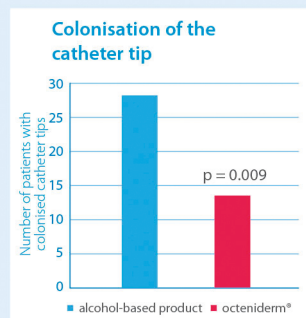
Placing intravascular catheters, especially CVCs, is the most common cause of nosocomial sepsis.** For this reason, a skin antiseptic with a residual effect plays a significant role when placing intravascular catheters and contributes to preventing

nosocomial sepsis and its consequences:

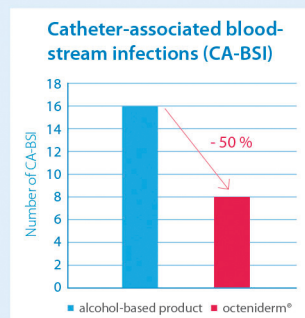
- increase in lethality by 12 % to 25 %***
- additional costs of approximately 10,000 \$ per patient****



octeniderm® highly significantly reduces the germs on the skin around the CVC insertion site ($p < 0.0001$).



Catheter tip colonisation is significantly less common with octeniderm® ($p = 0.009$). Colonised catheter tips are a starting point for catheter-associated bloodstream infections.



As a result of the lower microbial count on the skin and the decreased colonisation of catheter tips, a 50 % reduction in catheter-associated bloodstream infections was observed with octeniderm® ($p = 0.081$).

* DETTENKOFER, M., et al. (2010): Skin disinfection with octenidine dihydrochloride for central venous catheter site care: a double blind, randomized, controlled trial. Clinical Microbiology and Infection, 16: 600-606

** GASTMEIER, P., GEFFERS, C., (2008): Nosocomial infections in Germany. What are the numbers, based on the estimates for 2006. Deutsche medizinische Wochenschrift, 133:1111 - 1115

*** RAAD, I., et al. (2007): Intravascular catheter-related infections: advances in diagnosis, prevention, and management. The Lancet Infectious Diseases, 7: 645 - 57

**** LORENTE, L., et al. (2014): Cost/benefit analysis of chlorhexidine-silversulfadiazine-impregnated venous catheters for femoral access. American Journal of Infection Control 42: 1130 - 1132

***** LUTZ, J.T., DIENER, I.V., Freiberg, K., et al. (2016): Efficacy of two antiseptic regimens on skin colonization of insertion sites for two different catheter types - a randomized clinical trial. Infection DOI 10.1007/s

Skin Prep



octeniderm®

Colourless skin antiseptic with residual antimicrobial activity of at least 48 hours

Our plus

- Residual effect for at least 48 hours
- Effective against a broad spectrum of microorganisms (bactericidal incl. mycobacteria and MRSA, fungicidal, virucidal against enveloped viruses incl. HIV, HBV, HCV, HSV, Adenovirus type 5 and Rotavirus)
- Rapid acting

Pack size

- 250ml bottle
- 1L bottle



MICROSHIELD® Tincture 2

2% CHG + Isopropyl alcohol based skin antiseptic

Our plus

- Can be used undiluted for pre and post-surgical skin antisepsis
- Effective against bactericidal (EN13727), virucidal (EN14476) and yeasticidal (EN13624)

Pack size

- 100ml bottle
- 500ml bottle



MICROSHIELD® Tincture 2E

2% CHG + ethanol alcohol based skin antiseptic

Our plus

- Can be used undiluted for pre and post-surgical skin antisepsis
- Effective against bactericidal (EN13727), virucidal (EN14476) and yeasticidal (EN13624)

Pack size

- 100ml bottle
- 500ml bottle



➤ Antiseptic. Effective. Tolerable.



The active substance, octenidine

Antiseptic. Effective. Tolerable.



The right antiseptic agent for all skin and mucosal wounds.

The innovative active substance octenidine, which was developed by in-house research at schulke was born in the mid-1980s.

While searching for an antiseptic agent for the oral mucosa, researchers synthesized octenidine for the first time and discovered the particular efficacy and tolerability of this active substance.

The active substance's success story started with octenisept®.

octenisept® was launched as a mucosal antiseptic agent in 1990. The marketing authorization was extended to include antiseptic wound care in 1995.

In a very short period of time, octenisept® grew to become today's market leader in wound and mucosal disinfection*. The broad field of application of the active substance leads to the progressive launched of the following brands: octeniderm, octenisan, octenidol and octenilin.

The advantages of the active substance octenidine:

- Broad antiseptic spectrum – bactericidal, fungicidal, virucidal against enveloped viruses
- Rapid onset of action (max. 2 min.) and 48 hours residual effect
- Very good skin, mucosal and tissue tolerability
- Extremely low allergy potential
- No formation of resistance
- Suitable for pregnant women (after 3 month), infants and premature babies with immature skin**

*source: IMS Health, DKB consumption data sales 2016

**octeniderm® should not be used in premature babies with immature skin due to its alcohol content. The KRINKO (Commission of Hospital Hygiene and Infection Prevention at Robert Koch Institute) recommends the active substance octenidine at a concentration of 0.1% as the product of choice for premature babies with immature skin (KRINKO, Recommendation for the prevention of nosocomial infections in neonatal intensive care patients with a birth weight of less than 1500g, 2007).

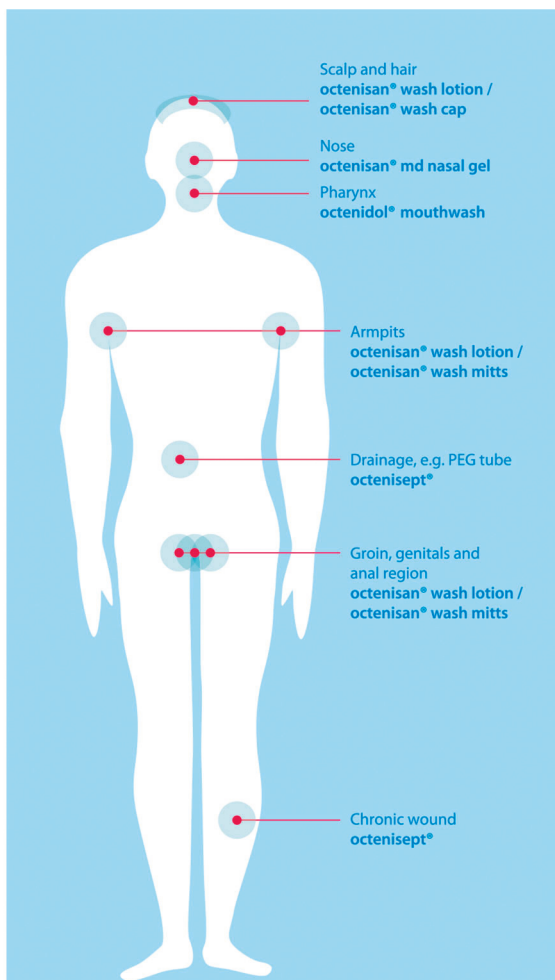
Six against MDRO



The concept of decontamination with octenidine!

For the decontamination of patients with MDRO, all reservoirs populated with MDRO have to be taken into account. This includes the skin, hair, nasal region, oral cavity and pharynx as well as chronic wounds. In addition, the patient's surrounding must be thoroughly disinfected. All measures are taken in parallel within timely limited decontamination cycles each of which completed with a new check for MDRO.

Where has MDRO been confirmed?



octenisan® wash lotion

Application area:
intact skin
(rinse-off solution)
1x a day
contact time: 1 min.



octenidol® mouthwash

Application area:
throat area
3x a day
contact time: 15 sec.



octenisan® md nasal gel

Application area:
nasal vestibule
2x a day
contact time: 2 min.



octenisept® wound and mucous membrane

Application area:
Intact skin & wounds
1x a day
contact time: 2 min.

Especially for the immobile patient



octenisan® wash mitts

Application area:
intact skin
(leave-on solution)
1x a day
contact time: 30 sec.



octenisan® wash cap

Application area:
hair and scalp
(leave-on solution)
1x a day
contact time: 5 min.

MDRO decontamination



octenisan® wash lotion

Hypoallergenic antimicrobial hair and body wash containing octenidine

Our plus

- mild and gentle wash lotion for the skin and hair
- for whole body washing against MDRO
- suitable as a daily preventive bath against enveloped viruses (e.g. coronaviruses)
- suitable for all skin types
- skin-neutral pH value
- free of artificial colours and perfume

Pack size

- 500ml bottle



octenisan® wash mitts

Antimicrobial wash mitts for cleaning and care of the skin

Our plus

- especially gentle due to additional care with allantoin
- ready-to-use, no secondary rinsing required
- easy application due to practical mitt dimensions
- free of perfume and colourings
- rapid efficacy against MRSA / ORSA / ESBL

Pack size

- 10 piece/packet



octenisan® wash cap

Impregnated single-use wash cap for physical cleaning to decontaminate head and scalp

Our plus

- for decontamination of hair and scalp by physical cleansing
- free of perfume and colouring agents
- ready to use

Pack size

- Pouch with 1 wash cap



MDRO decontamination



octenisan® md nasal gel

For moistening, cleansing and decontamination of nasal vestibule

Our plus

- Decontamination of multi-drug resistant organism by physical cleaning of the nasal vestibule
- Excellent tissue tolerability and biocompatibility
- For moistening

Pack size

- 6ml tube



octenidol® mouthwash

Mouthwash for decontamination of unwanted germs

Our plus

- Effective protection from periodontitis and gingivitis
- Fights periodontal pathogen bacteria
- Decontamination of MRSA
- Antibacterial
- No *discolouration of teeth
- Chlorhexidine-free
- Alcohol-free

Pack size

- 250ml bottle



*Concerning discolouration of teeth. A cosmetic study with 53 subjects has shown that 94% of the subjects did not show any discolouration after a period of application of 4 weeks. Measurement method: vital scale.

Wound Management: Mucous membrane & wound antiseptic



octenilin® wound irrigation solution

Wound irrigation solution for cleansing and moistening of chronic skin wounds

Our plus

- for repeated and long-term use
- especially well-tolerated by the skin and tissues
- for all wound situations
- excellent cleaning performance
- best before 8 weeks after the first use
- painless application

Pack size

- 350ml bottle



octenisept®

Painless wound and mucous membrane antiseptic

Our plus

- broad antiseptic spectrum of activity
- well tolerated by skin and mucous membrane
- painless application
- suitable for infants and premature babies

Pack size

- 50ml bottle
- 500ml bottle



octenisept® wound gel

Wound gel for moistening and decontamination of encrusted, contaminated and chronic skin wounds


Our plus

- moistens and protects the wound
- forms a protection layer against germs
- prevents infections and helps wound healing
- painless – does not burn when being applied

Pack size

- 20ml tube



A person wearing a white lab coat and blue gloves is cleaning a metal surface. The person is holding a white spray bottle in their right hand and a blue cloth in their left hand. The background is a plain, light-colored wall.

➤ Recognise the problem,
solve the problem!



Clean surfaces.
Clean work.

Comprehensive protection for a healthy environment

In medical facilities, the daily and thorough disinfection of surfaces is a must – especially in the critical and sensitive area.

Pure protection for every surface

The disinfection of critical areas represents a daily challenge in the routine of medical facilities. According to new medical findings, the thorough disinfection of surfaces within facilities is a major factor in the containment of so-called nosocomial infections.

Our products are developed with their area of usage in mind and their effectiveness is extensively tested. From the early stages of development, the selection of materials and active ingredients is focused upon creating a safe and user-friendly product.

These properties have made schulke surface products trusted partners within various areas of usage in daily clinical practice.

Rapid disinfection for smaller surfaces

Ready-to-use liquid



mikrozid® AF liquid

Alcohol-based disinfectant spray for fast disinfection of medical devices and other surfaces

Our plus

- Rapid virucidal effect (Coronavirus 30 secs)
- Good antimicrobial efficacy (Enveloped viruses incl. Coronavirus, HBV, HIV, HCV), bacteria, yeasts))
- Good material compatibility
- Rapid surface disinfection, leaving no streaks
- Colour and perfume-free

Pack size

- 1L bottle



mikrozid® sensitive liquid

Alcohol-free rapid disinfectant spray based on quaternary ammonium compounds for fast disinfection of medical devices and other surfaces

Our plus

- Rapid virucidal effect (Coronavirus 60 secs)
- Good antimicrobial efficacy (Enveloped viruses incl. Coronavirus, HBV, HIV, HCV), bacteria, yeasts))
- Excellent material compatibility
- Suitable usage on alcohol sensitive surfaces
- Colour and perfume-free

Pack size

- 1L bottle



mikrozid® universal liquid

Low alcohol-based disinfectant spray for medical devices and other surfaces

Our plus

- Rapid virucidal effect (Coronavirus 15 secs)
- Good antimicrobial efficacy (Enveloped viruses incl. Coronavirus, HBV, HIV, HCV), bacteria, yeasts))
- Excellent material compatibility incl. surfaces of electronic devices (e.g. tablet)
- Colour and perfume-free

Pack size

- 1L bottle



Rapid disinfection for smaller surfaces

Ready-to-use wipes

mikrozid® AF wipes

Alcohol-based disinfectant wipes for fast disinfection of medical devices and other surfaces



Our plus

- Rapid virucidal effect (Coronavirus 30 secs)
- Good antimicrobial efficacy (enveloped viruses incl. Coronavirus, HBV, HIV, HCV), bacteria, yeasts))
- Good material compatibility
- Rapid surface disinfection, leaving no streaks
- Colour and perfume-free

Pack size

- 220 wipes jumbo (tub)



mikrozid® sensitive wipes

Alcohol-free disinfectant wipes based on quaternary ammonium compounds for fast disinfection of medical devices and other surfaces



Our plus

- Rapid virucidal effect (Coronavirus 60 secs)
- Good antimicrobial efficacy (enveloped viruses incl. Coronavirus, HBV, HIV, HCV), bacteria, yeasts))
- Excellent material compatibility
- Suitable usage on alcohol sensitive surfaces
- Colour and perfume-free

Pack size

- 200 wipes jumbo (tub)
- 100 wipes premium (softpack)



mikrozid® universal wipes

Low alcohol-based disinfectant wipes for medical devices and other surfaces



Our plus

- Rapid virucidal effect (Coronavirus 15 secs)
- Good antimicrobial efficacy (Enveloped viruses incl. Coronavirus, HBV, HIV, HCV), bacteria, yeasts))
- Excellent material compatibility incl. surfaces of electronic devices (e.g. tablet)
- High quality dermatologically tested wipes
- Colour and perfume-free

Pack size

- 100 wipes premium (softpack)



Disinfection for larger surfaces



terralin® protect

Quaternary ammonium compounds-based concentrate for disinfecting and cleaning medical devices and surfaces

Our plus

- Free of aldehydes
- Delivers excellent optical characteristics
- Pleasant scent that is suitable for odour sensitive areas and sensitive materials.
- Wide microbiological efficacy spectrum against bacteria (incl. TB, MDRO), yeasts and enveloped viruses (incl. HIV, HBV, HCV) and rotavirus, adenovirus and noroviruses

Pack size

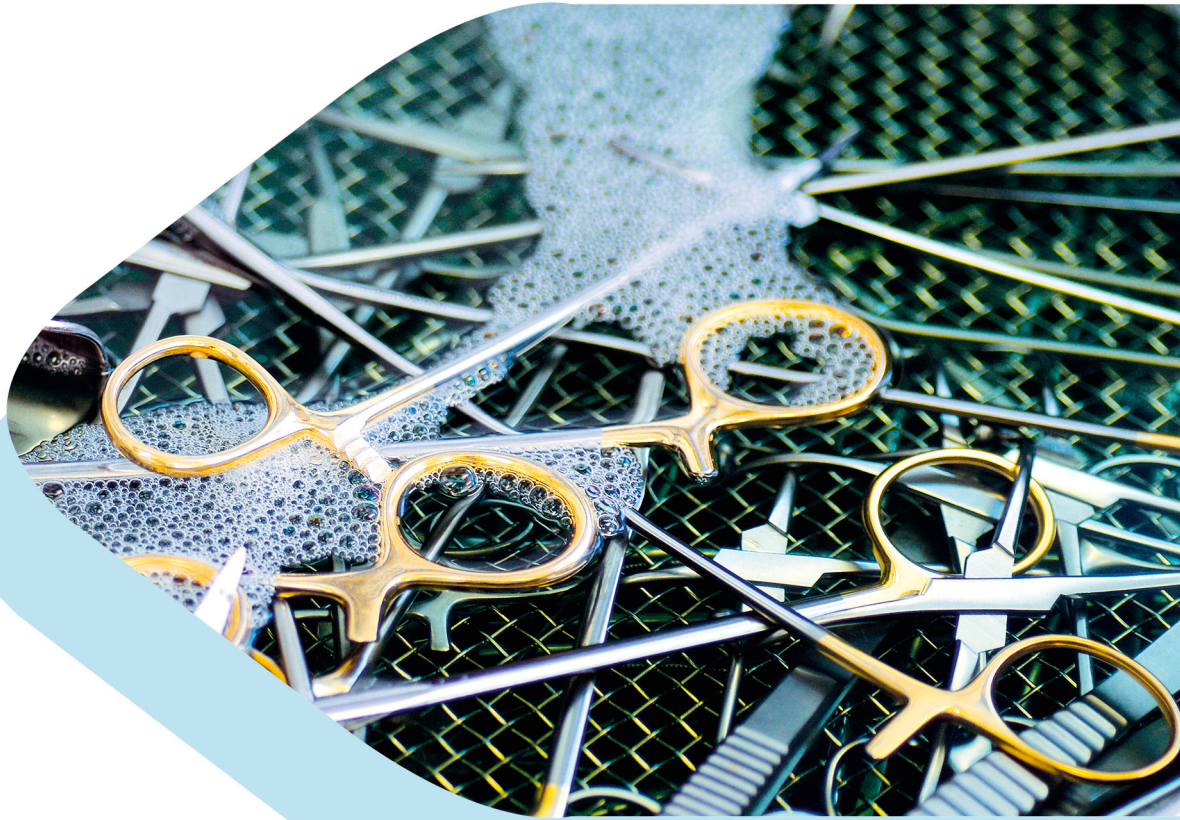
- 2L bottle
- 5L canister





► Hygiene is the most important instrument.

Safe.
Clean.
schulke.



Hygiene is the most important instrument

The hygienic care and decontamination of medical instruments in medical usage demands an efficient and highly effective formulation which is attuned to the challenges of everyday clinical routine.

Precision and ergonomic handling are two of the most important features of instruments, the cleaning and disinfection of these instruments must function just as precisely. Increased demands on decontamination make material compatibility just as important as a broad spectrum of disinfection efficiency.

Reliable preparations with short contact times and low use concentrations are essential to ensure smooth and fast reprocessing. The comprehensive offering of innovative formulation sets international safety standards based on these challenges ensuring a high level of safety for users and patients in the automated and manual cleaning of instruments.

The entire schulke product portfolio is developed with the most up-to-date scientific principles, is extensively tested and meets all legal requirements.

Instruments – Manual Reprocessing

Pre-cleaning disinfection



gigazyme®

Enzymatic cleaner for flexible endoscopes and instruments

Our plus

- excellent triple enzyme cleaning power
- suitable for use in ultrasonic bath
- pleasant fragrance
- non foaming
- leaves no residue

Pack size

- 2L bottle
- 5L canister



gigazyme® X-tra

Multi-enzyme high-performance manual disinfectant detergent for endoscopes and surgical instruments

Our plus

- excellent cleaning performance
- microbiological efficacy for active protection of staff and their surroundings
- bactericidal, levurocidal and effective against enveloped viruses
- suitable for use in ultrasonic baths
- excellent material compatibility

Pack size

- 2L bottle
- 5L canister



Instruments – Manual Reprocessing

Cleaning disinfectant



gigasept® instru AF

An aldehyde-free disinfectant and cleaner for medical instruments

Our plus

- aldehyde-free
- pleasant mild smell
- very good cleaning performance
- broad spectrum of microbiological efficiency
- shortened contact time in ultrasonic bath

Pack size

- 2L bottle



gigasept® AF forte

Aldehyde-free preparation for cleaning and disinfection of medical devices (e.g. flexible and rigid endoscopes)

Our plus

- aldehyde-free
- suitable for flexible and rigid endoscopes
- shortened action time in ultrasonic baths
- patented substance combination

Pack size

- 2L bottle



Instruments – Manual Reprocessing

High level disinfectant



gigasept® FF (neu)

High-level disinfectant based on succinic dialdehyde for manual reprocessing

Our plus

- formaldehyde and GDA-free
- broad microbiological efficacy
- outstanding material compatibility
- 14-days standing time

Pack size

- 2L bottle



gigasept® PAA

Ready-to-use high level disinfectant for the disinfection of flexible endoscopes and medical instruments



Our plus

- Aldehyde-free
- Ready to use
- Effective against bacteria, fungi, viruses, spores
- No activation necessary

Pack size

- 25L canister



gigasept® Pearls

Active oxygen-based instrument disinfectant for manual cleaning and disinfection with a multi-enzyme formula



Our plus

- full microbiological effectiveness via its synergistic combination of active substances plus active oxygen (concluding virucidal disinfection with 2% in 10 minutes)
- outstanding cleaning performance via its multi-enzyme formula (protease, lipase and amylase) in combination with a neutral pH (non-protein-fixing) and powerful surfactants
- excellent material compatibility even with sensitive materials such as flexible endoscopes
- more user safety - thanks to its the innovative pearl structure - dust-free (no risk of inhalation)
- innovative packaging system for safe and easy removal
- surprisingly pleasant smell

Pack size

- 6kg bucket
- 1.5kg bucket



Specialist dental products



rotasept®

Ready-to-use solution for the disinfection and cleaning of rotary instruments

Our plus

- comprehensively effective
- highly suitable for use in ultrasonic bath
- aldehyde-free
- ready-to-use

Pack size

- 2L bottle



aspirmatic®

For the daily cleaning, disinfection and deodorising of all dental system units and amalgam separators

Our plus

- suitable for all amalgam separators (eg Dürr, Metasys)
- can be used in all treatment units (eg Sirona, KaVo, Castellini, etc.)
- does not foam
- fresh smell
- tested and approved by Sirona
- economical use

Pack size

- 25L canister



perform® ID

Impression disinfection - Aldehyde-free disinfectant based on active oxygen for the disinfection of dental impressions

Our plus

- Effective against bacteria (incl. YB), fungi, viruses (incl. HBV, HCV, HIV) in 10 minutes at 2% concentration
- Excellent cleaning power, removes blood and saliva residues
- Product in line with BDAA12 recommendation
- Specially formulated to respect the dimensional stability of impression materials such as alginates, silicon and polyether

Pack size

- 30 x 40g sachets
- 900g tub



Specialist dental products



thermodent® clear

Rinse aid for automated reprocessing of dental instruments

Our plus

- optimises wetting of items being washed
- ensures stain-free drying
- material-friendly

Pack size

- 1L bottle



Dialysis machine disinfection



dialox™

dialox™ is a specially developed, highly effective disinfectant and descaling agent for hemodialysis machines and water treatment units. dialox™ is based on active oxygen.

Our plus

- A broad microbiological spectrum
- Disinfection and decalcification in one step
- Ready to use
- Short contact time
- More than 20 years of experience in dialysis centres

Pack size

- 5Kg canister



Auto process disinfection Cleaners

thermosept® alka clean forte

Alkaline liquid cleaner for the automated reprocessing of medical devices and laboratory accessories



Our plus

- alkaline instrument cleaner with strong cleaning power
- minimizes risk of iatrogenic transfer of CJD/vCJD (acc. to RKI report)
- broad range of applications

Pack size

- 5Kg canister



thermosept® X·tra

Mildly alkaline high performance cleaner for the automated reprocessing of medical devices.



Our plus

- excellent cleaning performance achieved by the synergistic combination of active substances of enzymes and surfactants
- low foaming formula
- optimized material compatibility, also suitable for anodized aluminium
- high economic efficiency due to low working concentration
- pH of >10 in the cleaning solution - risk reduction in the case of vCJK according to the recommendation of the German RKI (Robert-Koch Institute)
- silicate-free

Pack size

- 5Kg canister



Auto process disinfection

Quick drying agent

thermosept® BSK

Rinse agent for automatic reprocessing of medical devices ph-neutral



Our plus

- ensures a fast and spot-free drying
- optimal surface wetting
- good material compatibility due to neutral pH-value
- Rinse agent for the use in WD, bed- and container washers

Pack size

- 5Kg canister



Auto process disinfection

Neutraliser

thermosept® NKZ

Neutraliser based on citric acid for the automated reprocessing of medical devices and laboratory accessories



Our plus

- free of phosphates and surfactants
- gentle on material
- prevents the building of deposits
- optimises the cleaning results after neutral cleaning
- efficient neutralisation after alkaline cleaning

Pack size

- 5Kg canister





schulke worldwide:

Australia

Schulke Australia Pty Ltd
Macquarie Park NSW 2113
Phone +61 2 8875 9300
Fax +61 2 8875 9301

Austria

Schülke & Mayr Ges.m.b.H.
1070 Vienna
Phone +43 1 523 25 01 0
Fax +43 1 523 25 01 60

Brazil

Vic Pharma Indústria e
Comércio Ltda.
Taquaratinga/SP – CEP
15900-000
Phone +16 3253 8100
Fax +16 3253 8101

Czech Republic

Schulke CZ, s.r.o.
73581 Bohumín
Phone +420 558 320 260
Fax +420 558 320 261

France

Schülke France SARL
92250 La Garenne-
Colombes
Phone +33 1 42 91 42 42
Fax +33 1 42 91 42 88

India

Schulke India Pvt. Ltd.
New Delhi 110044
Phone +91 11 30796000
Fax +91 11 42595051

Italy

Schülke & Mayr Italia S.r.l.
20158 Milano
Phone +39 02 40 26 590
Fax +39 02 40 26 609

Japan

Schulke Japan LLC
Shinagawa East One Tower
2-16-1 Konan, Minato-ku,
Tokyo 108-0075
Phone +81 3 6894 3335
Fax +81 3 3453 0207

Netherlands

Schülke & Mayr Benelux B.V.
2031 CC Haarlem
Phone +31 23 535 26 34
Fax +31 23 536 79 70

New Zealand

Schulke New Zealand Limited
Auckland 1010
Phone +61 2 8875 9300
Fax +61 2 8875 9301

Poland

Schulke Polska Sp. z o.o.
02-305 Warszawa
Phone +48 22 11 60 700
Fax +48 22 11 60 701

Singapore

Schulke & Mayr (Asia) Pte. Ltd.
Singapore 159410
Phone +65 62 57 23 88
Fax +65 62 57 93 88

Slovakia

Schulke SK, s.r.o.
97101 Prievidza
Phone +421 46 549 45 87
Fax +420 558 320 261

Switzerland

Schülke & Mayr AG
8003 Zurich
Phone +41 44 466 55 44
Fax +41 44 466 55 33

United Kingdom

Schulke & Mayr UK Ltd.
Sheffield S9 1AT
Phone +44 114 254 35 00
Fax +44 114 254 35 01

... plus our international distributors

schulke -†

Schülke & Mayr (Asia) Pte Ltd

10 Jalan Kilang #04-01/02/03
Singapore 159410
Phone +65 6257 2388
Fax +65 6257 9388
mail.sg@schuelke.com

 [youtube.com/schuelkeChannel](https://www.youtube.com/schuelkeChannel)

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