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Fax +43-1-523 25 01 60

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Fax +32-2-479 99 66

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Fax +1-973-770-7302

... plus our international distributors

A company of the
Air Liquide Group
Clinical product brochure

quality. safety. schülke.

the plus of pure performance
Those who are weak need the strongest protection.
Our big plus – hygiene expertise.

We are a chemical & pharmaceutical company. Our products and services protect people and materials against infections and contamination. 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 smaller, borders are breaking down. People are travelling around freely 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.

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. For example our new wound and mucous membrane antiseptic, octenilin, is painless when used and colourless to reduce the potential of allergies.

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

1913 | Market introduction of Sagrotan, the first brand name disinfectant for domestic use
1920 | Introduction of a disinfectant for tuberculosis pathogens
1924 | First chemical engineering brand name preservatives for adhesives: Grotan
An overview of schülke products

### Hands and skin

<table>
<thead>
<tr>
<th>Hand washing</th>
<th>esemtan® Wash Lotion</th>
<th>sensiva® Wash Lotion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hand disinfection</td>
<td>desderman® Gel</td>
<td>desderman® N</td>
</tr>
<tr>
<td></td>
<td>desderman® pure</td>
<td></td>
</tr>
<tr>
<td>Skin care</td>
<td>sensiva® Protective Emulsion</td>
<td></td>
</tr>
<tr>
<td>Skin cleaning</td>
<td>esemtan® Foam</td>
<td>kodan® Wipes</td>
</tr>
<tr>
<td>octendine</td>
<td>octenisan®</td>
<td>octenilin® Rinsing Solution</td>
</tr>
<tr>
<td>octenilin® Gel</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Surfaces

| Cleaners / disinfectants         | terralin® Protect | terralin® Spray |
| Wipes                            | mikrozid® AF      |

### Instruments

| Cleaners                     | gigazyme®         | gigazyme® plus | thermosept® ER |
| Endoscopy machine disinfectant| gigasept® AER     |
| Endoscope reprocessing - reusable disinfectant | gigasept® |
| Endoscope reprocessing - single shot disinfectant | gigasept® Autogen |
| Instrument cleaners - automated reprocessing | thermosept® NKZ |

schülke filtration

Cleanroom range

MRSA screening | schülke MicroSCREEN

Hygiene technology | CSSD Pumping Station | schülke Generator

Accessories

The schülke forum
Into the health market.

The clinical environment is constantly changing. Stay on top – with schülke.

Poor hygiene isn’t always visible, however the effects and spread of life-threatening infections are often very noticeable. For this reason, preventative and efficient hygiene management is necessary for successful and economical clinic operation.

Improve processes. Reduce costs.
The expectations on the medical market are always moving but emphasis on achieving the highest results with a more efficient use of resources is more true today than ever before. This challenge calls for effective and flexible solutions.

schülke offers these solutions in the form of a product portfolio harmonised with numerous application areas, which ensures the optimal preparation for the various challenges and the constantly changing market.

In the case of quality assurance, the prevention, recognition and combating of infections remains a decisive factor.

1980 | Kodan – skin-friendly antiseptic for use, for example, prior to injections
1981 | Launch of mikrozid, the leading quick disinfectant for the medical field
1984 | Introduction of an extensive range for the mechanical processing of medical products thermosept®
Effective solutions for hands and skin.

The right protection for your most valuable instruments.

In clinical routine, no instrument is as important with respect to hygiene as the human hand. Those who are in constant contact with equipment and patients 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 hospital routine and in permanent contact with equipment and patients.

“Can there be a greater contradiction than contracting an infection in a hospital?”
Johann Peter Frank, a founding father of public hygiene.

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.

Antiseptics are the most complex and probably most important area of hygiene. With formulations containing octenidine schülke offers proven, tolerable and widely effective antiseptics for skin, mucous membranes and wounds as well as for anti-bacterial body and oral hygiene. Octendine based products provide optimal protection before, during and after operations and, with their preventative usage, prevent the infection of deeper tissue layers, and thus a potential sepsis for patients.

1986 | Development of formaldehyde-free disinfectants, e.g. Antilfect, Gigasept FF

1989 | Introduction of Octenisept, a mucosal and wound antiseptic

1989 | Schulke & Mayr celebrates its 100th anniversary
Hands and skin

Hand washing

**esemtan® Wash Lotion**
Gentle hand wash lotion designed for washing prior to surgical and hygienic hand disinfection, for all skin types

- **Our Plus**
  - balanced emollient ingredients protect the skin against drying out
  - pleasant colour and fragrance for a cosmetic feel
  - preserves the acidic protective layer of the skin

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Case Size</th>
<th>Art-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 ml bottle</td>
<td>20</td>
<td>116 625</td>
</tr>
<tr>
<td>1 L bottle</td>
<td>10</td>
<td>116 602</td>
</tr>
<tr>
<td>5 L canister</td>
<td>1</td>
<td>116 604</td>
</tr>
</tbody>
</table>

**sensiva® Wash Lotion**
pH neutral, soap free, hand and body wash lotion for stressed and sensitive skin

- **Our Plus**
  - the ideal product for sensitive skin
  - use at the start of the day or when hands are visibly contaminated
  - colour & perfume free
  - can be used frequently without damaging the skin

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Case Size</th>
<th>Art-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 ml bottle</td>
<td>20</td>
<td>114 001</td>
</tr>
<tr>
<td>1 L bottle</td>
<td>10</td>
<td>114 002</td>
</tr>
<tr>
<td>150 ml bottle</td>
<td>30</td>
<td>116 806</td>
</tr>
<tr>
<td>500 ml bottle</td>
<td>20</td>
<td>116 807</td>
</tr>
<tr>
<td>1 L bottle</td>
<td>10</td>
<td>116 808</td>
</tr>
<tr>
<td>5 L canister</td>
<td>1</td>
<td>116 810</td>
</tr>
</tbody>
</table>

Hand disinfection

**desderman® N / Gel**
Rapid acting alcohol based hand rub / gel, formulated for surgical and hygienic hand disinfection. Re-fattening agents ensure the skin is maintained in supple condition

- **Our Plus**
  - fast drying and leaves no sticky residue, making gloves easy to don
  - suitable for frequent use
  - effective against bacteria (Tb, MRSA, VRE), fungi and viruses (inc HBV, HCV, HIV, Polio, Herpes Simplex, Adeno, Rota and Vaccinia virus)
  - 30 sec. hygienic and 3 min. surgical disinfection

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Case Size</th>
<th>Art-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>N 150 ml bottle</td>
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<td>117 026</td>
</tr>
<tr>
<td>Gel 150 ml bottle</td>
<td>30</td>
<td>117 007</td>
</tr>
<tr>
<td>N 500 ml bottle</td>
<td>20</td>
<td>117 038</td>
</tr>
<tr>
<td>Gel 500 ml bottle</td>
<td>20</td>
<td>110 508</td>
</tr>
<tr>
<td>N 1 L bottle</td>
<td>10</td>
<td>117 034</td>
</tr>
<tr>
<td>Gel 1 L bottle</td>
<td>10</td>
<td>110 509</td>
</tr>
<tr>
<td>N 5 L canister</td>
<td>1</td>
<td>117 036</td>
</tr>
</tbody>
</table>

**desderman® pure**
Advanced rapid acting alcohol based hand rub 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

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Case Size</th>
<th>Art-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>150 ml</td>
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</tr>
<tr>
<td>500 ml</td>
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<td>116 807</td>
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<tr>
<td>1 L</td>
<td>10</td>
<td>116 808</td>
</tr>
<tr>
<td>5 L</td>
<td>1</td>
<td>116 810</td>
</tr>
</tbody>
</table>
Hands and skin

Skin care

sensiva® Protective Emulsion

Gentle, rapidly absorbed moisturising cream, ideal for use at the end of each clinical session in order to maintain the integrity of the skin

- Our Plus
  - rapid absorption, leaves a smooth non-greasy feel to your hands
  - colour & perfume free
  - use at the end of each session to protect and maintain your skin condition

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Case Size</th>
<th>Art-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>150 ml bottle</td>
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<td>116 001</td>
</tr>
<tr>
<td>500 ml bottle</td>
<td>20</td>
<td>116 002</td>
</tr>
</tbody>
</table>

Skin cleaning

esemtan® Foam

Cleansing foam for elderly, bedridden or incontinent patients

- Our Plus
  - gently cleans dirty skin
  - deodorises
  - reduces microorganisms and re-fats the skin
  - contains no CFCs
  - sufficient for approx. 55 applications

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Case Size</th>
<th>Art-Nr.</th>
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</thead>
<tbody>
<tr>
<td>150 ml can</td>
<td>10</td>
<td>127 021</td>
</tr>
<tr>
<td>400 ml can</td>
<td>10</td>
<td>127 022</td>
</tr>
</tbody>
</table>

kodan® Wipes

Disinfection wipes specially formulated for hands and skin

- Our Plus
  - easy and ready to use, dries quickly
  - effective against bacteria, fungi and viruses (inc HBV, HIV, Rota virus)
  - pH balanced at 5.5

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Case Size</th>
<th>Art-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>90 wipe tub</td>
<td>10</td>
<td>114 452</td>
</tr>
</tbody>
</table>
Hands and skin

octenidine

octenisan®
Hypoallergenic antimicrobial hair and body wash containing octenidine

- Our Plus
  - excellent skin and mucous membrane compatibility
  - broad antimicrobial efficacy
  - added emollients for skin protection
  - suitable for all skin types
  - soap free – mild surfactants
  - pH skin neutral, colour and perfume free
  - suitable for all age groups including neonates

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Case Size</th>
<th>Art-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>150 ml bottle</td>
<td>30</td>
<td>121 501</td>
</tr>
<tr>
<td>500 ml bottle</td>
<td>20</td>
<td>121 505</td>
</tr>
</tbody>
</table>

octenilin® Wound Rinsing Solution
Simple, gentle and thorough wound rinsing solution with antimicrobial preservative

- Our Plus
  - Contains Octenidine as an antimicrobial preservative, capable of inactivating pathogens
  - Well tolerated, painless and rapid wound cleansing
  - Low surface tension enables rinsing of hard to reach areas, such as fissures and wound pockets
  - Can be heated to body temperature
  - Colour and perfume free, odour absorbant

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Case Size</th>
<th>Art-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>350 ml bottle</td>
<td>10</td>
<td>121 701</td>
</tr>
</tbody>
</table>

octenilin® Wound Gel
Hydrogel containing antimicrobial preservative to create a clean, moist environment for wound healing

- Our Plus
  - Contains Octenidine as an antimicrobial preservative, capable of inactivating pathogens
  - Can be left on wound for up to 5 days to allow time for healing
  - Colour and perfume free, odour absorbant

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Case Size</th>
<th>Art-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 ml bellow</td>
<td>20</td>
<td>121 602</td>
</tr>
</tbody>
</table>

The success story of an innovative agent:
The innovative agent octenidine was developed by schülke at our research facility. In the search for an antiseptic agent for oral mucosa octenidine was synthesised in the mid-1980s and its success is still continuing!

Benefits of the active ingredient:
- Broad antiseptic spectrum
- No systemic side effects
- 24 hour residual action
- Very good skin, mucous membrane and tissue tolerability
- Suitable for infants, premature babies and expectant mothers
- No formation of resistance
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 critical and sensitive areas.

Pure protection for every surface. The disinfection of critical areas represents a daily and decisive 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 schülke surface products trusted partners within various areas of usage in daily clinical practice.
Surfaces

Large surface cleaning & disinfection

terralin® Protect

Powerful large area cleaner and disinfectant, ideal for use on all surfaces (inc. metal, plastic, rubber materials, perspex)

- **Our Plus**
  - excellent material compatibility. Excellent cleaning and soil loosening properties
  - fresh fragrance
  - effective against bacteria (inc. MRSA), Fungi and viruses (inc. HBV, HIV) in 60 mins.
  - cost effective: 0.5% concentration makes 400 L in-use solution

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Case Size</th>
<th>Art-Nr.</th>
<th>Cat. Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 L bottle</td>
<td>5</td>
<td>181 621</td>
<td>FAL 585</td>
</tr>
<tr>
<td>20 ml doser</td>
<td>1</td>
<td>183 401</td>
<td>-</td>
</tr>
</tbody>
</table>

In NHS Supply Chain

Quick surface cleaning & disinfection

terralin® Liquid

Alcohol based spray for fast effective cleaning and disinfection of surfaces

- **Our Plus**
  - rapid and effective in a variety of applications
  - ready-to-use
  - dries rapidly, leaving no streaks
  - aldehyde free
  - effective against bacteria (inc. Tb), Fungi, Viruses (inc. HBV, HCV, adeno, rota, papova, polio virus)

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Art-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 L bottle</td>
<td>102 001</td>
</tr>
<tr>
<td>10 L bottle</td>
<td>102 004</td>
</tr>
</tbody>
</table>

mikrozid® AF Wipes

Alcohol based wipes for fast effective cleaning and disinfection of surfaces

- **Our Plus**
  - ready-to-use & dries quickly
  - no smearing or residues (product based on high quality alcohol)
  - fast acting against bacteria (inc. MRSA fungi and viruses (inc. HBV, HCV, HIV & adeno virus) in 2 mins
  - cost effective, minimum wastage

<table>
<thead>
<tr>
<th>Pack Size</th>
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</thead>
<tbody>
<tr>
<td>Tub 150 wipes</td>
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<td>109 123</td>
</tr>
<tr>
<td>Refill 150 wipes</td>
<td>20</td>
<td>109 124</td>
</tr>
<tr>
<td>Plus Tub 200 large</td>
<td>10</td>
<td>109 158</td>
</tr>
<tr>
<td>Jumbo Refill 200 large</td>
<td>12</td>
<td>109 159</td>
</tr>
</tbody>
</table>
Hygiene is the most important instrument.

Safe. Clean. schülke.

The hygienic care and decontamination of medical instruments in medical usage calls for efficient and highly effective formulations that are attuned to the challenges of everyday clinical routine.

Sterile instruments. Safe patients.

Precision and ergonomic handling are two of the most important feature of instruments, the cleaning and disinfection of these instruments must function just as precisely and simply. Increased demands on decontamination make material compatibility just as important as broad spectrum disinfection efficiency. Reliable preparations with short contact times and low use concentrations are essential to ensure smooth and fast processing.

The comprehensive offering of innovative formulations sets international safety standards based on these challenges ensuring a high level of safety for users and patients in the mechanical and manual cleaning of instruments.

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

Cleaners

**gigazyme®**
Enzyme cleaner for flexible endoscopes and surgical instruments
- Our Plus
  - suitable for endoscope reprocessors, manual and ultrasonic cleaning
  - non-foaming and leaves no residues
  - in-built temperature sensor
  - mixture of enzymes and surfactants for excellent cleaning performance
  - pleasant fragrance
  - CE Marked

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>In Use Solution</th>
<th>Case Size</th>
<th>Art-Nr.</th>
<th>Cat. Code</th>
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</thead>
<tbody>
<tr>
<td>2 L bottle</td>
<td>400</td>
<td>5</td>
<td>132 105</td>
<td>FAL107</td>
</tr>
<tr>
<td>5 L canister</td>
<td>2000</td>
<td>5</td>
<td>183 401</td>
<td>FAL212</td>
</tr>
<tr>
<td>2 L doser</td>
<td>-</td>
<td>-</td>
<td>000 423</td>
<td>-</td>
</tr>
<tr>
<td>5 L doser</td>
<td>-</td>
<td>-</td>
<td>117 101</td>
<td>-</td>
</tr>
</tbody>
</table>

**gigazyme® Plus**
Enzyme cleaner and disinfectant for flexible endoscopes and other surgical instruments
- Our Plus
  - bactericidal, fungicidal and virucidal in 5 minutes
  - tested according to EN 1275, EN 1040, EN 13727
  - excellent material compatibility
  - CE Marked, pH neutral and low foaming

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>In Use Solution</th>
<th>Case Size</th>
<th>Art-Nr.</th>
<th>Cat. Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 L bottle</td>
<td>200 L</td>
<td>12</td>
<td>132 131</td>
<td>FAL223</td>
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<tr>
<td>5 L canister</td>
<td>1000 L</td>
<td>2*</td>
<td>132 132</td>
<td>FAL224</td>
</tr>
</tbody>
</table>

*A 25ml Dosing Pump for 5 litres is included with each case of 2.

**thermosept® ER**
Enzyme cleaner concentrate for the thermal reprocessing of flexible endoscopes
- Our Plus
  - excellent material compatibility
  - contains corrosion inhibitors
  - non-foaming

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Case Size</th>
<th>Art-Nr.</th>
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</thead>
<tbody>
<tr>
<td>5 L canister</td>
<td>4</td>
<td>189 901</td>
</tr>
</tbody>
</table>

Endoscopy machine disinfectants

**gigasept® AER**
Unique formulation for the daily cleaning, descaling & disinfection of AERs
- Our Plus
  - unique formulation to avoid microbiological resistance
  - effective against biofilm
  - excellent material compatibility and can be used for overnight stagnation
  - no activation time required
  - broad spectrum of effectiveness, including Pseudomonas spp. and Mycobacterium chelonae

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Case Size</th>
<th>Art-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 L canister</td>
<td>4</td>
<td>104 123</td>
</tr>
</tbody>
</table>
Instruments

Endoscope reprocessing - reusable disinfectant

**gigasept®**
- Powerful, high level disinfectant for flexible endoscopes and other heat sensitive instruments
  - **Our Plus**
    - excellent material compatibility
    - broad microbiological effectiveness
    - based on high quality formaldehyde and succindialdehyde
    - glutaraldehyde free
    - in-use solution can be used for up to 14 days
    - concentrate makes 20 litres of in-use solution

**gigasept® PA**
- Powerful & efficient high level disinfectant for flexible endoscopes and other heat sensitive instruments
  - **Our Plus**
    - unique peracetic acid formulation
    - broad microbiological effectiveness
    - contains no acetic acid which leads to highly improved material compatibility compared to standard peracetic acid formulations
    - includes innovative activator bottle
    - aldehyde free and contains no acetic acid
    - pH near neutral

Endoscope reprocessing - single shot disinfectant

**gigasept® Autogen**
- Single use disinfectant for flexible endoscopes specially developed for Labcaire’s Autoscope Guardian AER
  - **Our Plus**
    - unique peracetic acid formulation developed for the Labcaire Autoscope Guardian
    - 22 cycles - up to 44 scopes
    - 5 minute disinfectant contact time for bacteria including Tb, spores and viruses
    - 750ppm of peracetic acid giving excellent material compatibility
    - aids compliance with HTM 2030 and EN ISO 15883

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In NHS Supply Chain

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Case Size</th>
<th>Art-Nr.</th>
<th>Cat. Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 L bottle</td>
<td>5</td>
<td>113 103</td>
<td>FAL104</td>
</tr>
<tr>
<td>20 ml doser</td>
<td>1</td>
<td>183 401</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Case Size</th>
<th>Art-Nr.</th>
<th>Cat. Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 L canister</td>
<td>2</td>
<td>113 303</td>
<td>FAL216</td>
</tr>
<tr>
<td>50 test strips</td>
<td>-</td>
<td>113 302</td>
<td>FAL108</td>
</tr>
<tr>
<td>base 5 L canister</td>
<td>2</td>
<td>104 121</td>
<td>FAL218</td>
</tr>
<tr>
<td>additive 5 L canister</td>
<td>2</td>
<td>104 122</td>
<td>FAL219</td>
</tr>
</tbody>
</table>
Instruments

**gigasept® ISIS**
Single use disinfectant for flexible endoscopes specially developed for Labcaire Autoscope ISIS and JetAER

- **Our Plus**
  - peracetic acid formulation developed for use in Labcaire Autoscope ISIS and JetAER
  - 40 cycles or up to 80 scopes
  - excellent material compatibility
  - very low working concentration of peracetic acid - only 750ppm
  - 5 minute disinfectant contact time for bacteria (inc. Tb), spores and viruses
  - aids compliance with HTM 2030 & ISO 15883

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Case Size</th>
<th>Art-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>base 5 L canister</td>
<td>2</td>
<td>104 126</td>
</tr>
<tr>
<td>additive 5 L canister</td>
<td>2</td>
<td>104 127</td>
</tr>
</tbody>
</table>

**gigasept® Once**
Single use disinfectant for flexible endoscopes

- **Our Plus**
  - developed to suit a broad range of Automated Endoscope Reprocessors in the market (inc. Partners for Endoscopy)
  - excellent material compatibility
  - 750ppm peracetic acid
  - 5 minute disinfectant contact time, including Tb, spores and viruses

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Case Size</th>
<th>Art-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>base 5 L canister</td>
<td>2</td>
<td>104 118</td>
</tr>
<tr>
<td>additive 5 L canister</td>
<td>2</td>
<td>104 119</td>
</tr>
</tbody>
</table>

**thermosept® PAA**
A single use disinfectant for use flexible endoscopes specially developed for BHT & MMM AERs

- **Our Plus**
  - peracetic acid formulation for use in BHT & MMM AERs
  - high-level disinfectant effective against spores bacteria spores, Tb and viruses in 5 mins
  - aldehyde free
  - stable at higher temperatures (37°C)

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Case Size</th>
<th>Art-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>base 5 L canister</td>
<td>2</td>
<td>TBA</td>
</tr>
<tr>
<td>additive 5 L canister</td>
<td>2</td>
<td>TBA</td>
</tr>
</tbody>
</table>

Product will be available soon. For updated information, please call our UK office on 0114 254 3500.
Instruments

Instrument cleaners - automated reprocessing

thermosept® RKF forte
A surfactant-free alkaline liquid cleaner (concentrate) for automated reprocessing of medical instruments and accessories used in surgery, anaesthesia and patient care

- **Our Plus**
  - improved cleaning efficiency due to higher alkalinity
  - good emulsifying and dispersing capacity with effective corrosion protection
  - minimises risk of iatrogenic transfer of CJD/vCJD
  - pH value of 12.3

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Case Size</th>
<th>Art-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 kg canister</td>
<td>1</td>
<td>148 321</td>
</tr>
<tr>
<td>10 kg canister</td>
<td>1</td>
<td>148 322</td>
</tr>
<tr>
<td>30 kg canister</td>
<td>1</td>
<td>148 323</td>
</tr>
<tr>
<td>200 kg drum</td>
<td>1</td>
<td>148 324</td>
</tr>
</tbody>
</table>

thermosept® NKZ
Liquid neutraliser based on citric acid for automated reprocessing of medical devices

- **Our Plus**
  - optimises cleaning results after neutral cleaning
  - phosphate free
  - excellent material compatibility
  - approved by Miele

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Case Size</th>
<th>Art-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 kg canister</td>
<td>1</td>
<td>146 503</td>
</tr>
<tr>
<td>10 kg canister</td>
<td>1</td>
<td>146 508</td>
</tr>
<tr>
<td>30 kg canister</td>
<td>1</td>
<td>146 504</td>
</tr>
<tr>
<td>200 kg drum</td>
<td>1</td>
<td>146 506</td>
</tr>
<tr>
<td>500 kg container</td>
<td>1</td>
<td>146 505</td>
</tr>
</tbody>
</table>

thermosept® RKN-Zym
Neutral, enzymatic cleaner (concentrate) for automated reprocessing of medical instruments

- **Our Plus**
  - pH-neutral – enzymatic cleaner
  - low foaming
  - excellent material compatibility, especially with ionized aluminium
  - approved by Miele
  - pH value of 8

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Case Size</th>
<th>Art-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 kg container</td>
<td>1</td>
<td>187 005</td>
</tr>
<tr>
<td>10 kg container</td>
<td>1</td>
<td>187 007</td>
</tr>
<tr>
<td>30 kg container</td>
<td>1</td>
<td>187 006</td>
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<tr>
<td>200 kg drum</td>
<td>1</td>
<td>187 003</td>
</tr>
<tr>
<td>500 kg container</td>
<td>1</td>
<td>187 004</td>
</tr>
</tbody>
</table>

thermosept® alka clean forte
A mild alkaline liquid cleaner (concentrate) containing surfactants for automated reprocessing of medical instruments and accessories used in surgery, anaesthesia and care

- **Our Plus**
  - mildly alkaline instrument cleaner suitable for aluminium
  - minimises risk of iatrogenic transfer of CJD/vCJD
  - powerful cleaning
  - broad range of applications
  - contains enzymes and a pH value of 11

<table>
<thead>
<tr>
<th>Pack Size</th>
<th>Case Size</th>
<th>Art-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 kg canister</td>
<td>1</td>
<td>147 301</td>
</tr>
<tr>
<td>10 kg canister</td>
<td>1</td>
<td>147 302</td>
</tr>
<tr>
<td>30 kg canister</td>
<td>1</td>
<td>147 303</td>
</tr>
<tr>
<td>200 kg drum</td>
<td>1</td>
<td>147 304</td>
</tr>
</tbody>
</table>
schülke filtration

schülke Total Filtration
Sterile point of use filter capsules to guarantee microbiologically pure and legionella free water

- **Our Plus**
  - guarantees microbiologically pure and legionella
    free water for 7 days or 14 days
  - advanced filtration membrane
  - contains a pre-filter to improve effectiveness and
    prevent clogging of the filtration membrane
  - a range of adaptors to fit standard taps and shower heads
  - packaged in a radiosterilized sachet
  - patented protective skirt and peelable lid for sterility
  - disposable - no need for reprocessing

<table>
<thead>
<tr>
<th>Product</th>
<th>Outlet</th>
<th>Duration</th>
<th>Art-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>7A</td>
<td>Large shower</td>
<td>7 days</td>
<td>693 900</td>
</tr>
<tr>
<td></td>
<td>Flat</td>
<td>7 days</td>
<td>693 901</td>
</tr>
<tr>
<td>14A</td>
<td>Large shower</td>
<td>14 days</td>
<td>693 910</td>
</tr>
<tr>
<td></td>
<td>Flat</td>
<td>14 days</td>
<td>693 911</td>
</tr>
</tbody>
</table>

For a further explanation of the filters range and for our filter brochure please visit our website www.schuelke.com or call the UK office on 0114 254 3500 and request a schülke filtration brochure.

schülke Legionnella Filtration
Sterile single-use point of use filter capsule to guarantee legionella free water

- **Our Plus**
  - guarantees legionella free water for 30 days
  - advanced filtration membrane
  - contains a pre-filter to improve effectiveness
    and prevent clogging of the filtration membrane
  - a range of adaptors to fit standard taps and shower heads
  - packaged in a radiosterilized sachet
  - patented protective skirt and peelable lid for sterility
  - disposable - no need for reprocessing

<table>
<thead>
<tr>
<th>Product</th>
<th>Outlet</th>
<th>Duration</th>
<th>Art-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>30LPA</td>
<td>Large shower</td>
<td>30 days</td>
<td>693 920</td>
</tr>
<tr>
<td></td>
<td>Flat</td>
<td>30 days</td>
<td>693 921</td>
</tr>
</tbody>
</table>
Cleaning and disinfection of cleanrooms

As a chemical and pharmaceutical manufacturer, that produces products and services to protect people and materials from infection and contamination, we feel we are the right partner for you in biotechnology, pharmaceuticals, cosmetics, medicinal product manufacture and life sciences. To help you meet the strict demands placed upon the cleaning and disinfection of cleanrooms.

The production process for any individual company using clean rooms requires targeted cleaning and disinfection measures. As such our ranges consist of a variety of cleaning agents and disinfectants split into three clearly defined categories.

“We understand our customers because we manufacture our products to the same high standards (GMP)”

schülke -

GMP

TQM
ISO 13485
ISO 9001

Responsible Care Award

EMAS
Environment
ISO 14001
Maximum performance with perform®

perform® sterile
A targeted selection of sterile products developed for high grade cleanrooms. The products are compliant with biocidal products directive (BPD) and have a broad spectrum of efficacy, providing you with optimum safety.

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

perform® advanced
Comprehensive range of non-sterile products developed for medium to low grade cleanrooms. The products comply with the BPD guidelines and they are microbial filtered and manufactured under GMP conditions.

perform® classic
This range of products are packaged and developed for use in non-cleanroom areas where hygiene standards are still important. They contain active substances with a broad spectrum of efficacy and conform with the BPD. All products are manufactured under GMP conditions.

Cleaning equipment
Cleanroom compatible materials, autoclavable equipment and optimum ergonomics are just some of advantages of our cleaning equipment. We have a selection of high quality cloths, mop heads and system trolleys.

For more information
To request a brochure of the complete perform range please visit our website www.schuelke.com or call the UK office on 0114 254 3500.
MRSA screening

**schülke microSCREEN**
**MRSA rapid detection**

MRSA screening in 45 mins, for when every minute counts

**MRSA Screening**
- Around 3% of the public, rising to 6–7% of those admitted to hospital, are carriers of MRSA.
- Screening patients before they come into hospital or immediately on admission allows trusts to take appropriate measures to isolate and decolonise those patients who are carriers of MRSA.
- This should ensure that the patient is at a reduced risk of developing a clinical infection and that the infection will not be passed on to others within the hospital.
- Screening for all elective admissions must be in place by March 2009.
- Screening for all emergency admissions must be in place by 2011.

For more information about schülke microSCREEN please call the UK office on 0114 254 3500.

**Biochip Technology**
- Award winning technology developed at the Fraunhofer Institute of Silicium Technology (ISIT), Itzhoe, Germany.
- Rapid MRSA detection using electrical biochip technology with results in minutes (including nasal swab).
- Detection uses MRSA PCR product and capture molecule on chip to generate electrical signal.
- Closed system combining lyses, rapid PCR and electrical biochip detection in one disposable cartridge. Processing of up to 4 cartridges in two parallel thermocycler-subunits.

Swab > Isolation and PCR of MRSA
5 min > Detection of MRSA on Biochip
30 min = 45 min
Hygiene technology

Pumping station for CSSD
Customised chemical pumping station for installed washing machines

- **Our Plus**
  - reliable technology requiring minimal maintenance
  - free from complicated control and operating elements
  - space-saving because of highly efficient supply pumps
  - adaptable for possible expansion of the CSSD

For further information on the schülke Pumping Station or to speak to a local representative, please call the UK office on 0114 254 3500.

AER single-shot dosing system
The schülke Generator
Unique disinfectant generator and chemistry dosing system to be used in-conjunction with Partners for Endoscopy Automated Endoscope Reprocessors (AERs)

- **Our Plus**
  - free standing unit to generate and dispense single shot disinfectant and detergent
  - developed specifically for Partners for Endoscopy AERs
  - simple, safe and effective
  - low level indicator to advise when chemicals needs changing
  - small footprint cabinet
  - easy to clean

For further information on the schülke Generator or to speak to a local representative, please call the UK office on 0114 254 3500.

NHS Supply Chain preferred partners

We believe in the power of partnerships in all areas of schülke, with NHS Supply Chain (NHS SC) we offer a wide range of hygiene solutions. And with NHS SC we have the opportunity to work together to improve the service and value given to facilitate improved patient care.

Since working with NHS SC we have had many success stories:
King’s Mill Hospital Endoscopy department have recently changed their enzymatic cleaner to Gigazyme and told schülke that they made the decision as their department prefer to order from NHS SC because the process is simple and reliable. They also stated that feedback from the endoscopy team is very positive. The staff like the smell of Gigazyme and also the fact that it has a built-in temperature sensor.

All staff have been trained by schülke to ensure maximum benefits from the product.

Redwood endoscopy unit at East Surrey Hospital, have recently switched to gigazyme and told us “We decided to change to Gigazyme because of its visible temperature indicator, which ensures we wash our scopes at the correct temperature, and because it is so easy to order from Supply Chain”

Benefits of ordering through NHS Supply Chain:
1. Easy to order: One-stop shop
2. Easy to pay: No need to raise different invoices
3. Easy delivery: Delivered to your department
4. Stock control: Automatic topping up of stock
5. Cost effective: Economical
## Accessories

### Dosing Set
Wall brackets and doser for hand disinfection, wash and cream lotion. Dispenses 3 ml per plunge.

<table>
<thead>
<tr>
<th>Product</th>
<th>Art-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>For 450 / 500 ml</td>
<td>134 406</td>
</tr>
</tbody>
</table>

### Dosing Pump
Pump for hand disinfection, wash and cream lotion. Dispenses 3 ml per plunge.

<table>
<thead>
<tr>
<th>Product</th>
<th>Art-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>For 450 / 500 ml</td>
<td>180 302</td>
</tr>
<tr>
<td>For 1 L</td>
<td>180 113</td>
</tr>
</tbody>
</table>

### s&m® Spray Pump
Spray adaptor for alcohol based disinfectants.

<table>
<thead>
<tr>
<th>Product</th>
<th>Art-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>For 1 L</td>
<td>180 112</td>
</tr>
</tbody>
</table>

### Elbow Dispenser
Wall mounted elbow dispenser for hand disinfection, wash and cream lotion.

<table>
<thead>
<tr>
<th>Product</th>
<th>Art-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>For 500 ml</td>
<td>669 400</td>
</tr>
<tr>
<td>For 1 L</td>
<td>668 400</td>
</tr>
<tr>
<td>For 500 ml / 1L</td>
<td>668 500</td>
</tr>
</tbody>
</table>

### Wall Dispenser
Refillable 800 ml

<table>
<thead>
<tr>
<th>Product</th>
<th>Art-Nr.</th>
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</thead>
<tbody>
<tr>
<td>For 2 L</td>
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</tr>
</tbody>
</table>

### 20 ml Doser

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>For 5 and 10 L canister</td>
<td>135 810</td>
</tr>
<tr>
<td>For 30 L canister</td>
<td>135 901</td>
</tr>
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</table>

### Dosing Key

<table>
<thead>
<tr>
<th>Product</th>
<th>Art-Nr.</th>
</tr>
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<tbody>
<tr>
<td>For 5 and 10 L canister</td>
<td>135 501</td>
</tr>
<tr>
<td>For 30 L canister</td>
<td>126 101</td>
</tr>
</tbody>
</table>
The schülke Forum was established to develop a range of unique seminars and training courses dedicated to key issues within Infection Control and Prevention.

At the heart of The schülke Forum is the will to share with healthcare workers from different disciplines, evidence based – best practices collected from key NHS professionals and opinion leaders. Our aim is to communicate this wealth of knowledge via educational and interactive seminars and training courses.

These courses are specifically designed to promote discussion amongst the attendees, with the added benefit that all speakers are there to discuss and educate, not to promote products or commercial organisations.

The schülke Forum Ethos
• To deliver high quality educational seminars and training courses covering different infection control issues.
• Encourage discussion and debate amongst different healthcare disciplines and opinion leaders.
• To aid in the continuous personal development of healthcare workers with certified attendance.
• To promote evidence based best practice.

Forthcoming Study Days
The study days for the remainder of 2008 are fully booked. In 2009 we plan to have more study days, covering an even greater selection of topics. For example:

Reprocessing of endoscopes and other decontamination issues
Problematic pathogens in health care settings
Everything you need to know about MRSA
CSSD: decontamination and other infection control issues

How to book
To inquire about bookings please call the UK office on 0114 254 3500 | www.schuelke.com