

Innovation meets **sustainable** progress.



PRODUCT CATALOGUE **2026**



Production in Beiseförth



Dierk Schumacher



Production in Lubań

A MESSAGE FROM OUR
MANAGING DIRECTOR

Hygiene is **more** than just **disinfection** – it's a **promise.**



In times of increasing uncertainty, **trust is more important than ever.**

At Dr. Schumacher, we give you the confidence that people and hygiene processes are protected at every step – with disinfectants and hygiene products that prove their worth every day.

For almost 50 years, we've developed hygiene and disinfection solutions that go above and beyond: combining scientific excellence with practical applicability, sustainability with impact, and innovation with responsibility.

With our 2026 Product Catalogue, we present not only proven product solutions, but also our conviction that hygiene must be **understood in a holistic way** – to protect the health of users, patients, and the wider population.

Dierk Schumacher

*Managing Director and CEO
Dr. Schumacher GmbH*

We don't just protect your hands, surfaces and
instruments – **we protect your health.**

OUR COMPANY

From Germany to the world – with **poise**, **heart**, and **innovation**

In Malsfeld-Beiseförth, in northern Hesse, beats the heart of our company. More than just the hygiene specialist, Dr. Schumacher combines **decades of experience**, family values, and the drive of an international market leader.

Our products are developed in close collaboration with our users: scientifically sound, technologically groundbreaking, and always with a deep understanding of your practical needs.

We take a holistic approach to hygiene: we have a responsibility towards people, systems, and the environment. This is why renowned brand manufacturers, in addition to medical facilities, and all major drugstore chains rely on our solutions. For example, we manufacture consumer products that many people use daily in the baby and household solutions sector – such as Pampers baby wipes and Swiffer wet floor wipes for partners like Procter & Gamble. We also produce wipe products for brands like Bebe and Neutrogena.

Whether in disinfection or in the consumer and household products sector, our products meet the highest standards for both sensitive and everyday environments. Because for us, quality begins with poise, lives through trust, and shows results – day after day and everywhere our products are used.

This is how we create products that not
only work – but earn **the trust** of our customers.



FACTS

Market leader

1.

*largest manufacturer of wet wipes
in the EU*

Nearly

50

years of expertise and experience

Approximately

1.600

employees world wide

Number of production sites:

4

*Germany, Poland, Türkiye
and India*

Active in

6

*areas of production: disinfection,
hygiene, cleaning, elderly care, cosmetics,
household products*

Partners in over

70

countries

WE ARE
DR. SCHUMACHER

"My path from trainee to manager demonstrates the development opportunities within Dr. Schumacher. As a second generation Dr. Schumacher employee, following in my mother's footsteps, our company culture is extremely important to me and tangible across all departments."



Verena Mühling

Head of Purchasing and Material Master Data
Dr. Schumacher GmbH

Verena Mühling has experienced Dr. Schumacher from multiple perspectives: as a young trainee, as an administrator – and today as a manager who contributes to strategic development. Her story is not an isolated case, but an example of many people's paths here who are **developing themselves** and their careers – with and within the company.

Our employees are **active contributors** to our company culture, some even in the **second** generation

An international organization with **local roots** – Beiseförth remains the **heart** of our operation

Founded in Melsungen, grown in Beiseförth, rooted in the region. Even though we have a strong international presence, Malsfeld-Beiseförth remains our home base. Here you will find **our experience, our knowledge, our reliability**. And that will remain the case – because you can only grow with strong roots.

We are a family business focused on responsibility.

Locally rooted, globally active.



WE ARE
DR. SCHUMACHER

"Our formulations have to be accurate down to the milliliter. For us, hygiene begins with precision in production."

Production Team

Beiseförth
Dr. Schumacher GmbH

Our production sites are technologically advanced and **staffed by experts**. We operate with pride, with care, and with a commitment to quality that you can feel. Made in Germany – and valued in over 70 countries worldwide.

Production Team Beiseförth



Our **partners** are our **equals**



*"What I truly appreciate about working with Dr. Schumacher is that my contacts truly **understand** the issues we face every day. To solve these issues, they not only provide the **right products**, but also a great deal of humanity and expertise."*

Alexander Ettenhuber

Head of Strategic Purchasing
Isar Kliniken GmbH, Munich



Whether consulting on surface disinfection or implementing a holistic hand hygiene concept – our collaboration with customers like Alexander Ettenhuber is characterized by trust, equal opportunity, and the shared goal of **making everyday life safer and easier** for professionals and patients alike. Hygiene products are more than just a means to an end – they protect lives. We listen to our partners to find the best possible way to protect your health.

We listen, provide honest advice, and act as partners.

Our solutions are developed through dialogue:

with users, specialists, researchers, and practitioners.



OUR
RESEARCH

Innovations that work – born from practical experience

Research is a launching point and not the end in and of itself. It is the key to better products, safer applications, and concrete improvements in the everyday lives of our customers. That's why at Dr. Schumacher, we invest not only in technology, **but in understanding** the daily challenges in the workplace.

Our developments begin in the places where they are needed: in dialogue with nurses, hygiene officers, medical professionals, and application teams. **Together with these professionals, we rethink the basics of hygiene** to make their daily work easier, achieve the highest possible safety for patients, and measurable contributions to sustainability.



Understanding needs – delivering solutions

*“What do our customers really need?
This question is always our starting
point for developing solutions that
are scientifically sound, work in
everyday life, and make a difference.
That's what we mean by
true innovation.”*

Dr. Ali Kermanjani

Head of Research and Development
Dr. Schumacher GmbH



In-house research and development

- Fast
- Direct
- Innovative

Unlike many competitors, we operate **our own research and development department at our headquarters in Germany** – with state-of-the-art laboratories and an interdisciplinary team of chemists, biologist, microbiologists, and process engineers.

- **Short development times**
for individual requirements and regulatory changes
- **Continuous improvement**
of proven formulations and application forms
- **Rapid implementation**
of scientific findings into series-ready products
- **High practical relevance**
through accompanying application tests and customer feedback

Your advantage: turnkey solutions –
tailored to your needs.



The idea of an infinite wipe: our patented wipe folding technique

Years ago, one of our sales representatives came to us with a problem that we couldn't stop thinking about: across the board, wet wipes were too difficult to remove from the pack. After many brainstorming sessions and engineering reviews with our development team and production experts, **we came up with the solution** to make life a little easier for all of our users – our **patented wipe folding** technology!

We listen to your needs and we develop solutions.

That's the development team at Dr. Schumacher.

INNOVATION

ULTRASOL OXY®



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ULTRASOL OXY WIPES XL ▶ Page 52

The development of **ULTRASOL OXY** is a good example of how deeply our research work is rooted in practice. The product range offers a very broad spectrum of efficacy for the efficient disinfection of medical devices and all types of surfaces.

Your advantage: Time-saving
 application with broad efficacy
 for sensitive hygiene areas.

- ➔ **Complete spectrum of efficacy**
 Fully sporicidal (EN 17126, EN 17846), fully virucidal (EN 14476), fungicidal, bactericidal, yeasticidal, tuberculocidal, mycobactericidal.
- ➔ **High material and product compatibility**
 Due to its oxidative nature, the ULTRASOL OXY family is characterized by high product and material compatibility.
- ➔ **Byproducts: oxygen, water, acetic acid**
 These products have been assessed for biocompatibility according to EN ISO 10993-1. This is achieved when the manufacturer's application recommendations are observed.
- ➔ **Time-saving**
 Efficient cleaning and disinfection thanks to short contact times¹.

¹ Tuberculocidal surface disinfection, disinfection of *Clostridium difficile* spores within 5 minutes, full sporicidal surface disinfection within 15 minutes (including *B. subtilis*)
 Use disinfectants safely. Always read the label and product information before use.


 INNOVATION

Packaging that saves

When **developing our packaging**, we focus on innovation with impact, guided by the principle: as much as necessary, but also as little as possible. It sounds obvious, but in our highly regulated industry, it isn't. Nevertheless, we rise to this challenge.

- ➔ **New packaging film with recycled silicate**
Saves on primary raw materials and was awarded the German Packaging Award 2024 in the sustainability category.
- ➔ **Reduced plastic bottles**
Light on material, big on impact. In addition to the 500 ml bottle, our 1.000 ml bottle is also now 18 % lighter – saving plastic and reducing CO₂.
- ➔ **Switch to mono-composite films**
More than 60 % of all our film packaging is already made of easier to recyclable mono-composite films – and increasing every year!
- ➔ **Optimized material flow**
Packaging that is easy to sort, readily recyclable, and can be reprocessed into new recycled materials promote true circularity – from mono-material to PCR films.

Your advantage: sustainable hygiene

without compromising on performance or handling.



Protected. Patented.

Innovative solutions not only deserve recognition - they also need protection. Protection to ensure our innovative strength in the long term. That's why many of our products bear the **Dr. Schumacher patent seal**. It stands for **technologically tested, legally protected, and practice-proven in-house developments**, from folding technology to special cleaning processes.

Our patents are not an end in themselves. **The more than 70 existing patents and the continuously filed patent applications** ensure product quality, enable unique selling points, and give users the assurance that they are **investing in something special**. They are the result of a consistent innovation strategy that has led to one of the highest patent application rates in the competitive landscape since 2021.

Your advantage: patented technology

for maximum reliability

and long-term safety in use.

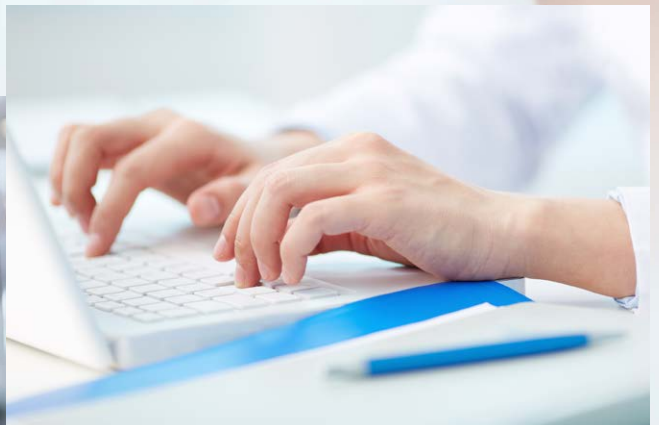
- ➔ **Unique formulations**
- ➔ **New packaging materials**
- ➔ **Validated processes**
- ➔ **Innovative products**

OUR
QUALITY

Quality and regulation – **Trust through** transparency

When it comes to hygiene, every detail counts. That's why at Dr. Schumacher, we leave nothing to chance - neither in the formulation nor in compliance with legal requirements. Our products meet the relevant standards and regulations – from the European MDR to recognized EN testing standards. They are extensively **tested, certified, and listed** – transparent, traceable and verifiable in every application. For quality you can rely on.

Tested, listed, and documented
for your safety.



Standards and **regulatory** safety



Disinfectant, cleaning, and skin care products used in medical and care settings are subject to stringent legal requirements. From mixing formulations to finished products, every manufacturing step is precisely regulated and strictly controlled. We abide by countless laws, EU regulations, and EN standards that define the necessary safety, efficacy, and quality. These regulations are complex, detailed, and constantly evolving. They require not only technical precision, but also an organization that can **respond quickly and reliably to new requirements**.

Dr. Schumacher consistently meets these requirements – transparently documented, audited, and integrated into all production and quality processes. At the same time, our commitment extends beyond mere regulatory compliance: We protect your health. That's why we develop our products to not only comply with the legal framework but to provide safety and efficacy – often based on state of the art and, in many areas, already a step ahead, technology. This is hygiene you can rely on – regardless of how often the regulations change.



**Quality requires precision – and people
who implement the requirements responsibly.**

Diverse classifications: biocides, medical devices, drugs and cosmetics



Depending on their composition and intended use, our products are classified as medical devices, biocides, drugs, or cosmetics. This classification determines **which legal regulations apply** – from quality management standards and product and manufacturing specifications to approval, labeling, proof of efficacy, and monitoring. For example, cleaners typically fall under quality management according to ISO 9001, medical devices under the EU Medical Device Regulation (MDR) in conjunction with a QMS according to EN ISO 13485, and biocidal products under the Biocidal Products Regulation. Medicinal products are subject to pharmaceutical law and the requirements of GMP (Good Manufacturing Practice) for medicinal products, while cosmetic products are subject to the EU Cosmetics Regulation and cosmetic GMP. This results in different requirements for manufacturing, market access, and market surveillance, depending on the product category.



**This means every product is tested, documented, and approved in accordance
with the regulations and is subject to continuous monitoring.**

Certifications: Our standards for quality, environment and social responsibility



ISO 9001

Quality Management

Structured processes for continuous improvement and customer satisfaction



ISO 14001

Environmental Management

Environmentally conscious practices, documented and externally audited



GMP medical

Good Manufacturing Practice (Pharma)

Controlled production conditions for maximum product safety



SA8000

Corporate Social Responsibility

Compliance with ethical labor standards and human rights



FSC

Responsible Forestry

Paper and packaging sourced from sustainably managed forests



RSPO

Sustainable Palm Oil

Certification system for sustainable palm oil with international oversight



Ecovadis Bronze

Sustainability Rating

Demonstrates transparency and progress in CSR and supply chain management



EMAS

Environmental Management

Environmentally conscious practices, documented and externally verified



PEFC

Responsible Forestry

Paper and packaging from responsibly managed forests

Listings: Proven effectiveness

VAH

RKI A

RKI AB

RKI/DVV

IHO

DAAB

ÖGHMP

VAH – Products listed in the disinfectant list of the Association for Applied Hygiene e. V. **RKI A** – Products listed in the disinfectant list of the Robert Koch Institute according to § 18 IfSG, effective range A. **RKI AB** – Products listed in the disinfectant list of the Robert Koch Institute according to § 18 IfSG, effective range AB. **RKI/DVV** – Virucidal product according to the guidelines of the German Association for Combating Viral Diseases e.V. (DVV) and the Robert Koch Institute (RKI). **IHO** – Industry Association for Hygiene and Surface Protection for Industrial and Institutional Use e.V. **DAAB** – Product tested and recommended by the German Allergy and Asthma Association. **ÖGHMP** – Products listed in the disinfectant list of the Austrian Society for Hygiene, Microbiology and Preventive Medicine.

Memberships Professional networking, industry-wide commitment

We participate in leading professional associations in order to **actively shape developments** and to engage responsibly in important dialogues within the industry.

**IHO**

Industrial Association
for Hygiene and Surface Protection

**VCI**

German Chemical
Industry Association (VCI)



Fördermitglied

DGKH

German Society
for Hospital Hygiene (DGKH)

**Pharma Deutschland**

German Association
of Pharmaceutical Manufacturers



MDR

Setting the Standard for Medical Devices

The Medical Device Regulation (MDR) is the EU's binding Regulation (EU) 2017/745, in effect since May 26, 2021. It replaces the former Medical Device Directive (MDD) and sets new, stricter rules for the development, classification, and distribution of medical devices **across Europe**. With higher standards for safety, performance, and traceability, the MDR aims to **strengthen protection** for patients and users while ensuring greater transparency in the medical device sector.



Trusted protection, proven performance: Dr. Schumacher meets every MDR requirement for complete documentation and CE certification – because safety is our promise.



tuvsud.com/ps-cert



Ensuring user safety

Thorough testing for skin compatibility, toxicological safety, and potential side effects.



Continuous quality monitoring

Approved and continuous monitoring – for lasting safety and reliability.



Proven effectiveness

Validated testing of disinfectant performance.



Comprehensive documentation, clear labeling, full traceability

Products are fully approved, continuously monitored, and traceable throughout their entire lifecycle. Detailed documentation of composition, manufacturing practices, and quality assurance ensure the highest level of transparency and safety.

Dr. Schumacher – hygiene

you can depend on.



Proven quality – wherever it's needed

Depending on the field of application, our products are tested in line with the relevant EN and ISO standards. These standards ensure that disinfectants and medical devices are developed and tested according to uniform, verifiable criteria – guaranteeing quality, **proven efficacy**, and **maximum safety** for users as well as patients.

These standards are the foundation of validated, measurable
product safety – and the reason **you can trust us**.

PRODUCT TESTING BY APPLICATION AREA							
SPECTRUM OF EFFICACY	PHASE	HYGIENIC HAND DISINFECTION	HYGIENIC HANDWASHING	SURGICAL HAND DISINFECTION OR HANDWASHING	SURFACE DISINFECTION WITHOUT MECHANICAL ACTION <i>spray disinfection</i>	SURFACE DISINFECTION WITH MECHANICAL ACTION <i>wiping disinfection</i>	INSTRUMENT DISINFECTION
bactericidal	2,1	EN 13727	EN 13727	EN 13727	EN 13727	EN 13727	EN 13727
	2,2	EN 1500	EN 1499	EN 12791	EN 17387	EN 16615	EN 14561
yeasticidal	2,1	EN 13624	EN 13624	EN 13624	EN 13624	EN 13624	EN 13624
	2,2				EN 17387	EN 16615	EN 14562
fungicidal	2,1				EN 13624	EN 13624	EN 13624
	2,2				EN 17387	EN 16615 ¹	EN 14562
tuberculocidal	2,1	EN 14348	EN 14348		EN 14348	EN 14348	EN 14348
	2,2					EN 16615 ¹	EN 14563
mycobactericidal	2,1	EN 14348	EN 14348		EN 14348	EN 14348	EN 14348
	2,2					EN 16615 ¹	EN 14563
enveloped viruses	2,1	EN 14476	EN 14476		EN 14476	EN 14476	
	2,2				EN 16777	EN 16615 ^{1,2}	EN 17111
limited virucidal	2,1	EN 14476	EN 14476		EN 14476	EN 14476	
	2,2	EN 17430			EN 16777	EN 16615 ^{1,2}	
virucidal	2,1	EN 14476	EN 14476		EN 14476	EN 14476	EN 14476
	2,2	EN 17430			EN 16777	EN 16615 ^{1,2}	EN 17111
sporicidal C. diff.	2,1				EN 17126	EN 17126	EN 17126
	2,2					EN 17846	
sporicidal	2,1				EN 17126	EN 17126	EN 17126
	2,2					EN 17846 ³	

¹ The EN standards are currently under development/in draft form

² Based on EN 16615

³ Only section C. diff. is relevant here

OUR COMMITMENT TO
SUSTAINABILITY

Taking **responsibility**.
Creating **tomorrow**.
Driving **sustainability**.



RAW MATERIALS



PRODUCTION



PACKAGING



LOGISTICS



RECYCLING

SUSTAINABILITY

At Dr. Schumacher, sustainability doesn't start with a label – it starts with a mindset. As a second-generation family business, responsible use of resources is part of our DNA. **We think in generations**, not in quarters. That's why we focus on measures that have a lasting impact – ecologically, economically, and socially.

Our vision: protecting what matters – people,
processes, and the planet.



WE ARE
DR. SCHUMACHER

*"Sustainability
isn't a task –
it's our
mindset."*



Dr. Manfred Möller

Sustainability and Environmental Manager
Dr. Schumacher GmbH

From formulation to packaging and delivery, we at Dr. Schumacher are **constantly** working on ways to conserve resources and cut emissions. Projects like our reduced plastic bottles help us save tons of plastic and actively improve our carbon footprint. For us, sustainability means measurable progress – transparent, traceable, and regularly improved upon.

Sustainability

is more than conserving materials – it's
our way of thinking.

At Dr. Schumacher, we stand for forward-thinking hygiene. Our products protect people, while our processes honor the planet we share. Sustainability is not a passing trend for us – it's part of our **identity as a family-owned company**.



OUR SUSTAINABILITY BROCHURE

www.schumacher-online.com

Recycling-Friendly Films



MONO-COMPOSITE FILM

- + Single plastic packaging**
Environmentally friendly and easily recycled
- + No mixed materials**
Entire packaging can be recycled
- + Same quality**
No change in packaging integrity or performance
- + Advancing the circular economy**
Avoids waste, preserves the value of resources, and minimizes environmental impact

POST-CONSUMER RECYCLED (PCR) FILM

- + Contains recycled plastic**
Reduces demand for new plastics and saves on resources
- + Recycling of post-consumer waste**
Less landfill and incineration waste
- + Reducing resources without sacrificing quality**
Using recycled plastic reduces CO₂ emissions during manufacturing and our ecological footprint
- + Advancing the circular economy**
Smart use of recycled plastics closes the material cycle

Bio Wipes

- + Fleece made from 100% renewable**
raw materials with PEFC certification.
Supports sustainable forest management.
- + Raw materials from Germany and neighboring EU countries**
Short delivery routes.
- + Fleece and soaking solution are 100% biodegradable.**
They break down completely within natural cycles, reducing environmental impact and the risk of microplastics.
- + With a lower ethanol content than comparable wipes,**
the product offers high material compatibility and is dermatologically tested.
- + Production powered by renewable energy.**
Saves fossil fuels and reduces greenhouse gas emissions.
- + Optimized: Fabric structure and impregnation level**
Structure and impregnation are optimally matched for high coverage and lower consumption.



GREEN LINE



DESCOCEPT SENSITIVE WIPES ► Page 48



Reduced plastic bottles

- +** The 500 ml bottle has been redesigned to be 13 % lighter (5 grams less plastic).
- +** Nearly all 1.000 ml bottles are now 18 % lighter (11 grams less plastic).
- +** Lighter weight – less transport, lower CO₂



**NOW AVAILABLE:
18 % LIGHTER PLASTIC
1 LITER BOTTLE!**



PRODUCTS FOR
SENSITIVE ENVIRONMENTS



DAAB-recommended and HACCP-compliant hygiene products for sensitive environments

From large-scale kitchens and food production to general care of people with sensitive skin – today's hygiene products must meet the highest demands. That's why Dr. Schumacher develops solutions that combine proven effectiveness with safety for even the **most sensitive applications**.



**HAND CLEANSING,
CARE AND PROTECTION**

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DAAB – tested and certified allergy-friendly

The German Allergy and Asthma Association (DAAB – Deutsche Allergie und Asthmabund e. V.) advocates for allergy-friendly products. Cleaning and care products recommended by the DAAB are particularly gentle on the skin and respiratory system – free from allergy-triggering fragrances and harsh ingredients. They are **ideal for allergy-sensitive individuals and for use in sensitive environments** like healthcare, kitchens, or communal facilities.



HACCP – certified hygiene for kitchens

HACCP (Hazard Analysis and Critical Control Points) stands for a preventive hygiene concept for handling food. Products suitable for use in food-related environments **meet the highest standards of effectiveness and safety**. Cleaning and disinfecting agents with the appropriate approval (e.g., Biocidal Product Type 4) can be used **safely and hygienically** in kitchens, food production facilities, or communal institutions – in full compliance with applicable regulations and hygiene standards.



HACCP Conform **Products** for **Food Oriented Businesses** and in the Kitchen

Wherever food is handled, strict standards apply for cleanliness, material compatibility, and user safety. Dr. Schumacher offers HACCP-compliant solutions specifically designed to meet the hygiene challenges of professional kitchens and industrial food production. These products reliably combine **hygiene and food safety**.



Perfume- and dye-free.

Food safety in accordance with hygiene requirements for kitchens and production areas.



HAND DISINFECTION

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RAPID CLEANING AND DISINFECTION WIPES

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RAPID DISINFECTION

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CONCENTRATES FOR SURFACE DISINFECTION

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Products that **reliably combine**
hygiene and food safety.



Approved and Recommended by the **German Allergy and Asthma Association** (DAAB)



The German Allergy and Asthma Association e. V. (DAAB) offers guidance in selecting suitable products for people who require low-allergen and well-tolerated products. Several Dr. Schumacher products carry this recommendation – **a visible sign** of our utmost care in creating skin-friendly formulations.

- ➔ **Independently dermatologically tested**
Testing under medical supervision for compatibility with sensitive skin
- ➔ **No allergenic fragrances**
Perfume-free and suitable for individuals with fragrance sensitivities or delicate skin

- ➔ **Gentle on skin**
Formulations with no irritating additives – ideal for allergy-prone and sensitive skin
- ➔ **Full transparency**
Every ingredient listed – maximum safety and clarity for sensitive users



**DESCOLIND EXPERT
LIGHT CREAM**

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**DESCOLIND EXPERT
INTENSIVE CREAM**

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**DESCOLIND EXPERT
PROTECT CREAM**

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**DESODERM
CARE WIPES**

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**BABY WIPES
SENSITIVE**

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Certified DAAB: **safety for every day**

use on allergy-prone skin



ASEPTOMAN® MED

The first hand disinfectant **tested and recommended** by the German Allergy and Asthma Association e. V. (DAAB)!

ASEPTOMAN MED is the first hand disinfectant to meet the strict testing criteria of the German Allergy and Asthma Association (DAAB) – confirmation of its excellent skin compatibility. Recommended for sensitive and allergy-prone skin, it contains no perfumes, dyes, essential oils, or irritating preservatives. The low-allergen formulation has also been verified by an independent dermatological institute.

Despite its gentle formulation, **ASEPTOMAN MED** delivers comprehensive efficacy: effective against noro-, adeno-, and rotaviruses in just 30 seconds. Nourishing ingredients and a moderate alcohol content help protect the skin, making **ASEPTOMAN MED** an excellent choice for people with sensitive or allergy-prone skin.

1 FIRST



WE ARE
DR. SCHUMACHER

"When one of our products carries the DAAB seal, it's a strong statement and reinforces our commitment: developing products that protect your health."



Nina Holzapfel

Strategic Product Manager Hand & Skin
Dr. Schumacher GmbH

Recommendations from independent institutions such as the German Allergy and Asthma Association (DAAB) underline the care that goes into product development at Dr. Schumacher. Our guiding principle is clear: "As much as necessary, as little as possible." In other words: we only use ingredients that are truly needed – selected, tested, and formulated with the **utmost care**.



ASEPTOMAN MED

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**OUR
SERVICE**

Expertise that connects. Service that makes a difference.

Hygiene is more than proper use of disinfectants – it's a process built on knowledge, guidance, and knowledgeable application. At Dr. Schumacher, reliability, personal contact, and expertise are the foundation of our customer service. Service means **listening, understanding your needs, and providing solutions** that work for your everyday practice.

Whether in hospitals, nursing homes, laboratories, medical practices, food production or industrial kitchens – we're by your side with trained specialists, tailored concepts, and digital tools that enhance safety and efficiency.

Our products are of the highest quality – but true effectiveness comes only with proper application. That's why we deliver **more than products**: we deliver technology, consultation, expertise, and genuine human support.





Sales and professional consulting: **personally** accessible, operating **internationally**.

Our field and training teams are made up of highly experienced specialists who understand hygiene **both in theory and in practice**. They provide expert support whenever you need it.



Product inquiries

For product-related questions, changes, new product launches or questions about material and product compatibility.



Technical support

For questions about dispenser systems, dosing plans, or application recommendations.



Requirements

For hygiene-related audits and listings.



**Dr.
Schumacher**

www.schumacher-online.com/en/contact



OUR HYGIENE LEVELS

Hygiene with a **System** – with **Dr. Schumacher's** Color-Coded Efficacy Indicators



Easy orientation
Proven effectiveness
Safety at a glance

Choosing the right disinfectant is crucial for effective disinfection as well as for the safety of staff, patients, and users. Different infection risks, types of pathogens, and areas of application require carefully matched product solutions. This is precisely where the Dr. Schumacher Hygiene Level Concept comes in.

With our clearly color-coded levels – **PREVENT**, **PRESERVE**, and **PROTECT** – clearly marked on the product packaging, we provide clear guidance in selecting the appropriate disinfectant. Each level represents a precisely defined spectrum of efficacy – from routine disinfection in public areas to use in high-risk and isolation zones.



The higher the hygiene level,
the broader the spectrum of efficacy

Dr. Schumacher's Hygiene Levels help you

efficiently choose the right disinfectant for your needs,
your risk, and your responsibility.

HIGH RISK AREAS AND OUTBREAKS

NEAR PATIENT AREAS

LOW RISK AREAS AND PUBLIC SPACES

PREVENT

Efficacy

- bactericidal, yeasticidal
- effective against enveloped viruses

Effective against enveloped viruses

- HBV
- HCV
- HIV
- Corona viruses
- Influenza

PRESERVE

Efficacy

- bactericidal, yeasticidal
- limited virucidal
- tuberculocidal

Effective against some non-enveloped viruses

- Noroviruses
- Rotaviruses
- Adenoviruses

Effective against PREVENT-level viruses

- HBV
- HCV
- HIV
- Corona viruses
- Influenza

PROTECT

Efficacy

- bactericidal, yeasticidal
- fungicidal
- virucidal
- mycobactericidal
- sporicidal

Effective against enveloped and non-enveloped viruses

- ECHO viruses
- Rhinoviruses
- Papillomaviruses
- Coxsackieviruses
- Picornaviruses
- Hepatitis A
- Hepatitis E

Effective against PRESERVE level viruses

- Noroviruses
- Rotaviruses
- Adenoviruses

Effective against PREVENT-level viruses

- HBV
- HCV
- HIV
- Corona viruses
- Influenza



SURFACE



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CLEANSING, CARE
AND PROTECTION



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AND DOSAGE AIDS



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AUTOMATED REPROCESSING
INSTRUMENT MAINTENANCE





	Application Method			Properties			Active Ingredients			Spectrum of Efficacy										Listing
	Wipe disinfection	Rapid disinfection	Cleaning	Alcoholic	Alcohol-free	Perfume-free	QAC	Peracetic acid	Hydrogen peroxide	Ethanol	Bactericidal	Yeasticidal	Fungicidal	Tuberculocidal	Sporicidal	Active against enveloped viruses	Rota, Adeno and Noro-viruses	Virucidal	HACCP	
DESCOCEPT SPEZIAL	•	•	•		•	•	•				•	•				•				•
DESCOCEPT SENSITIVE	•	•	•	•		•				•	•	•		•		•	•			•
DESCOCEPT PUR	•	•	•	•		•				•	•	•		•		•	•			•
ULTRASOL OXY®	•	•	•		•	•		•	•		•	•	•	•	•	•	•	•	•	•

Please refer to the product information sheet (PIF) for complete information on the spectrum of efficacy.

SURFACE



Rapid Disinfection

Efficient routine disinfection

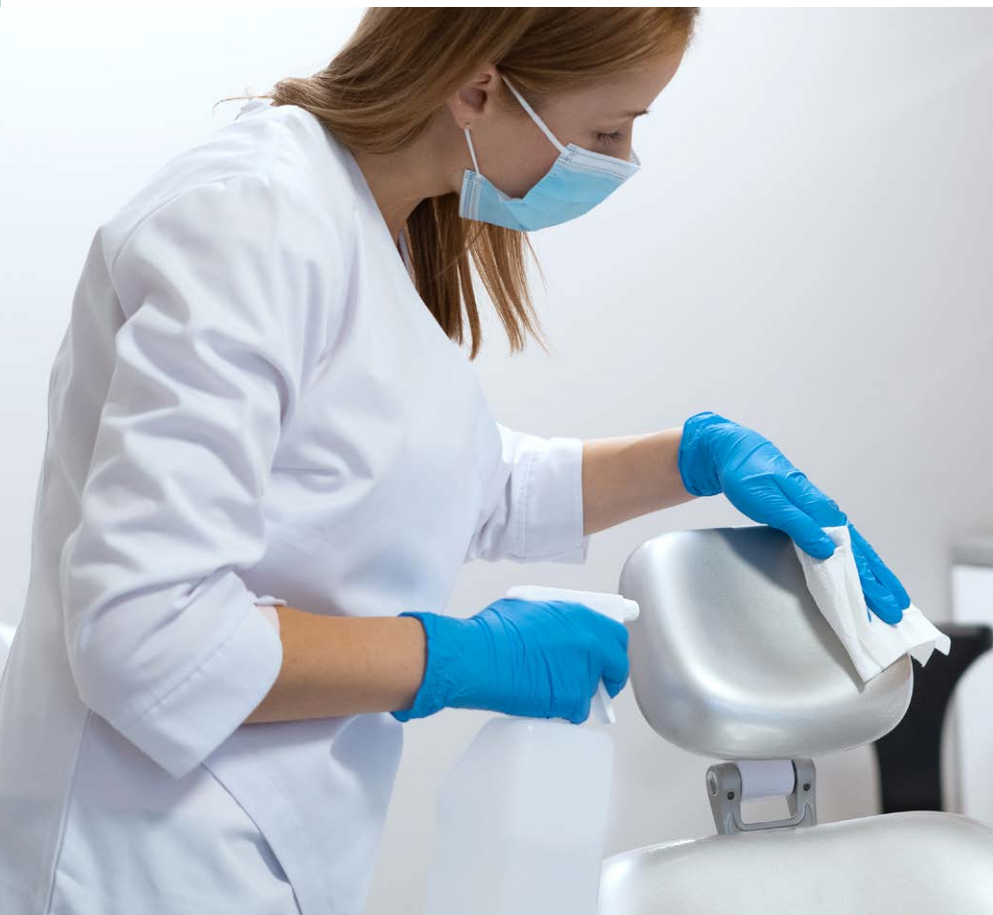
Whether targeted or routine disinfection, ready-to-use solutions from Dr. Schumacher make disinfecting small, medium and large areas quick and easy.

The ready-to-use disinfectant solutions are available in both alcohol-based and alcohol-free versions. Pre-mixed, they offer a time-saving solution for the medical, industrial, and public sectors, as well as for the food industry and commercial kitchens (HACCP).



Find out more about
our products here:

www.schumacher-online.com/en/srd



PREVENT

VAH

IHO

ÖGHMP

HACCP



Foam application
to prevent aerosols



DESCOCEPT SPEZIAL

Surface disinfection and cleaning
for non-invasive medical devices with
and without mechanical action

- Suitable for alcohol-sensitive surfaces and medical devices
- Short contact times allow for rapid re-use of surfaces
- Cleaning and disinfection in one step
- Ideal for surfaces made of acrylic glass

DESCOCEPT SPEZIAL is a surface disinfectant and cleaner for non-invasive medical devices with and without mechanical action. The product is well suited for disinfecting and cleaning medical inventory, medical devices and surfaces in public facilities and industrial areas. Also suitable for alcohol-sensitive medical devices and surfaces as well as acrylic glass. DESCOCEPT SPEZIAL is based on quaternary ammonium compounds and does not contain any alcohols, aldehydes, or phenols. The formulation is odorless for a comfortable, user-friendly application.

PRESERVE

VAH

IHO

ÖGHMP

HACCP



DESCOCEPT SENSITIVE

Surface disinfection and cleaning
for non-invasive medical devices with
and without mechanical action

- Efficient disinfection and cleaning performance
- Wide range of applications for daily work
- Good material compatibility with low ethanol content
- Ideally suited for use in the food industry

DESCOCEPT SENSITIVE is a surface disinfectant and cleaner for non-invasive medical devices with and without mechanical action. The product is suitable for near patients areas in which a broad spectrum of efficacy is required, as well as for surfaces in public areas and in food production and processing. In addition to effective disinfection with a short contact time, the product has good material compatibility. DESCOCEPT SENSITIVE is also suitable for the reprocessing of disinfectant dispensers made of anodized aluminum.

Spectrum of efficacy and contact time

	PREVENT	PRESERVE	PROTECT
Application recommendation for surface disinfection with and without mechanical action	1 min ¹ 5 min ²		

Composition – 100 g solution contain

0,5 g Alkyl (C12-16) dimethylbenzyl ammonium chloride
0,25 g Didecylidimethyl ammonium chloride

Single Unit	Unit	Content	REF
spray bottle	6	750 ml	00-208-0075E
bottle	10	1 L	00-208-010E
canister	3	5 L	00-208-050E

Spectrum of efficacy and contact time

	PREVENT	PRESERVE	PROTECT
Application recommendation for surface disinfection with and without mechanical action	2 min ¹ 5 min ²	3 min ¹ 5 min ²	

Application recommendation for tuberculocidal surface disinfection with and without mechanical action

1 min

Composition – 100 g solution contain

45 g Ethanol

Single Unit	Unit	Content	REF
spray bottle	6	750 ml	00-323DS-0075-02E
bottle	10	1 L	00-323DS-010E
canister	3	5 L	00-323DS-050E

¹ Wiping disinfection. ² Spray disinfection.

Prevent – Bactericidal, yeasticidal, all enveloped viruses. *Preserve* – Bactericidal, yeasticidal, all enveloped viruses, Noro-, Rota- and Adenoviruses, tuberculocidal. *Protect* – Bactericidal, yeasticidal, fully virucidal, mycobactericidal, sporicidal.

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



Low ethanol content for good material compatibility



Time saving application

As a ready-to-use solution in various application forms – **DESCOSEPT SENSITIVE** offers maximum flexibility for the user. This portfolio is optimally tailored to convenient and time-saving application for routine disinfection in all hygiene-relevant areas.

Extensive efficacy

DESCOSEPT SENSITIVE offers a comprehensive efficacy with the shortest possible contact times in the mid-level range. Coronaviruses are inactivated in 30 seconds and Noroviruses within 1 minute. It also offers excellent material compatibility. The **DESCOSEPT SENSITIVE** family, with its carefully balanced, low alcohol formula, is appropriate for disinfection of a wide range of materials and surfaces – including displays, control panels or stethoscopes to name a few.



Residue-free

PRESERVE

VAH

IHO

ÖGHMP

HACCP

DESCOSEPT PUR

Surface disinfection and cleaning of non-invasive medical devices with and without mechanical action

- Broad spectrum of efficacy – limited virucidal within 5 min.
- Residue-free
- Suitable for use in kitchens and the food industry
- Perfume- and dye-free

DESCOSEPT PUR is a surface disinfectant and cleaner of non-invasive medical devices with and without mechanical action. DESCOSEPT PUR is perfume-free and residue-free and therefore also suitable for routine disinfection in kitchens and the food industry.

Spectrum of efficacy and contact time

	PREVENT	PRESERVE	PROTECT
Application recommendation for surface disinfection with and without mechanical action	5 min	5 min	
Application recommendation for tuberculocidal surface disinfection with and without mechanical action		5 min	

Composition – 100 g solution contain

45 g Ethanol

Single Unit	Unit	Content	REF
bottle	10	1L	00-323-010E
canister	3	5L	00-323-050E

For the final disinfection
of semi-critical medical devices

PROTECT

VAH

IHO

ÖGHMP

HACCP

**Sporicidal (C. diff)
in 5 minutes!**
according to EN 17846

ULTRASOL OXY®

Surface disinfection and cleaning of non-invasive medical devices with and without mechanical action

- Broad spectrum of efficacy including virucidal and sporicidal efficacy according to current standards (see table)
- Effective against *Clostridioides difficile* within 5 min (EN 17126)
- High material and product compatibility due to oxidative base
- No toxic or polluting residues

ULTRASOL OXY is a ready-to-use rapid disinfectant with a broad spectrum of efficacy (see table) against bacteria and viruses including spores. The oxidative-based rapid disinfectant is used for cleaning and disinfecting medical devices, medical inventory and surfaces in areas with increased efficacy requirements. Due to its oxidative base, ULTRASOL OXY has a high level of material compatibility and can be used on almost all materials. It leaves no toxic or environmentally harmful residues on the surface.

Spectrum of efficacy and contact time

	PREVENT	PRESERVE	PROTECT
Application recommendation for surface disinfection with and without mechanical action	1 min	1 min	5 min
Application recommendation for tuberculocidal surface disinfection with and without mechanical action			5 min
Application recommendation against C. diff. with and without mechanical action			5 min
Application recommendation for sporicidal surface disinfection with and without mechanical action			15 min

Main active ingredients – 100 g solution contain

7 g Hydrogen Peroxide

0,1 g Peracetic Acid

Single Unit	Unit	Content	REF
bottle	6	2 L	00-270-020



ULTRASOL OXY®

EFFICIENT RAPID DISINFECTION FOR ROUTINE DISINFECTION
AND IN THE EVENT OF AN OUTBREAK

**The ideal
solution**

Compatible

Oxidative basis means compatible
with nearly all materials

Effective

Broad spectrum of efficacy¹
including virucidal and
sporicidal according to
current standards

Fast

Effective against *C. difficile*
within 5 minutes (EN 17126¹)

Biocompatible

The active ingredient decomposes
into oxygen, water, and acetic acid
and is biocompatible
(Tested according to EN ISO 10993-1)

Easy to use

Rapid disinfectant for surfaces in areas
with increased efficacy requirements –
no need to wipe after use



¹ see table p. 36



	Application Method		Properties		Active Ingredients				Spectrum of Efficacy								Listing
	Wipe disinfection	Cleaning	Alcoholic	Alcohol-free	Perfume-free	QAC	Alkylamines	Peracetic acid	Bactericidal	Yeasticidal (C. albicans)	Fungicidal	tuberculocidal	Sporicidal	Active against enveloped viruses	Rota, Adeno and Noro-viruses	Virucidal	
CLEANISEPT®	•	•		•	•	•			•	•				•			•
OPTISAL® N	•	•		•			•		•	•		•		•			
OPTISAL® PLUS	•	•		•	•	•	•		•	•	•	•		•	•		•
ULTRASOL® ACTIVE	•	•		•				•	•	•	•	•	•	•	•	•	•

Please refer to the product information sheet (PIF) for complete information on the spectrum of efficacy.

SURFACE

Concentrates for Surface Disinfection



Focused on your needs

From floors in patient rooms, operating theaters, or treatment units to surfaces in public facilities and commercial kitchens, medical equipment and medical devices – concentrates from Dr. Schumacher offer a suitable solution for a wide variety of surfaces and hygiene requirements.

Our product portfolio includes concentrates that clean and disinfect simultaneously. Dr. Schumacher products are suitable for routine disinfection as well as for outbreak situations, for industrial areas (production hygiene) as well as the medical and food sectors. These products can be used on particularly sensitive surfaces and can be flexibly dosed as needed.

We translate complex requirements into perfectly tailored products. How can we help you?



**Find out more about
our products here:**

www.schumacher-online.com/en/csd



PREVENT



CLEANISEPT®

Surface disinfection and cleaning for non-invasive medical devices with mechanical action

- Effective disinfection & cleaning in one step
- Good material compatibility especially on alcohol-sensitive surfaces
- Perfume- and dye-free

CLEANISEPT is a combination preparation for disinfecting and cleaning non-invasive medical devices with mechanical action. CLEANISEPT is based on quaternary ammonium compounds. It is perfume-free, contains no aldehydes, phenols or amines, and is characterized by its excellent cleaning power. CLEANISEPT is designed for the disinfection of washable, non-porous surfaces, especially when unpleasant odors should be avoided. CLEANISEPT has good material compatibility and may also be used on acrylic glass. Furthermore, its surfactant formulation provides a residual disinfection effect after drying.

Spectrum of efficacy and contact time

	PREVENT	PRESERVE	PROTECT
Application recommendation for surface disinfection	2,5 % – 15 min 1 % – 60 min		

Composition – 100 g solution contain

6,66 g alkyl (C12-16) dimethylbenzylammonium chloride
3,33 g didecylidimethylammonium chloride

Single Unit	Unit	Content	REF
dosage bottle	10	1 L	00-204-010E
bottle	6	2 L	00-204-020-01E
canister	3	5 L	00-204-050E

PREVENT

Effective against enveloped viruses
and TB at 0.5% in 60 min.



OPTISAL® N

Surface disinfection and cleaning for non-invasive medical devices with mechanical action

- QAC-free, no sticky residues
- Low cleaning effort due to combination of good cleaning and disinfection performance
- No odor nuisance due to pleasant fresh scent

OPTISAL N is a surface disinfectant and cleaner for non-invasive medical devices with mechanical action. The product is suitable for the disinfection and cleaning of non-invasive medical devices, medical equipment, and various surfaces. Because it contains neither aldehydes nor phenols, it has a pleasant, fresh scent. OPTISAL N offers good cleaning power and, thanks to its surfactant formulation, a residual effect after drying. Stickiness is avoided due to the QAC (quaternary ammonium compound)-free formulation. OPTISAL N is recommended for areas where, in addition to meeting high hygiene requirements, unpleasant odors must be avoided. And due to its non-ionic formulation, it can be combined with many cleaning agents. It is well suited for use on PVC/linoleum floors.

Spectrum of efficacy and contact time

	PREVENT	PRESERVE	PROTECT
Application recommendation for surface disinfection	1 % – 15 min 0,5 % – 60 min		

Application recommendation for tuberculocidal surface disinfection 0,5 % – 60 min

Composition – 100 g solution contain

7,2 g N-(3-Aminopropyl)-N-dodecylpropan-1,3-diamine

Single Unit	Unit	Content	REF
dosage bottle	10	1 L	00-214-010E
canister	3	5 L	00-214-050E

Applicable as part of an HACCP concept

PRESERVE



VAH

IHO

ÖGHMP

HACCP

OPTISAL® PLUS

Surface disinfection and cleaning of non-invasive medical devices with mechanical action

- Improved water hardness stability
- High efficiency due to broad spectrum of efficacy
- Particularly suitable for alcohol-sensitive surfaces

OPTISAL PLUS is a liquid concentrate for disinfection and cleaning of near-patient surfaces as well as non-invasive medical devices. OPTISAL PLUS is characterised by an excellent cleaning performance and a range of efficacy specially designed for routine applications. In addition to its effectiveness against enveloped viruses (HBV, HIV, HCV), OPTISAL PLUS is highly effective against adenovirus, norovirus and rotavirus. OPTISAL PLUS also demonstrates strong bactericidal, yeasticidal and tuberculocidal efficacy while being entirely odorless and perfume-free.

Spectrum of efficacy and contact time

	PREVENT	PRESERVE	PROTECT
Application recommendation for surface disinfection	2,5 % – 5 min 0,5 % – 60 min	2 % – 30 min 1 % – 60 min	

Application recommendation for tuberculocidal surface disinfection

1,5 % – 60 min

Composition – 100 g solution contain

7,2 g N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine

6,6 g alkyl(C12-16)dimethylbenzylammonium chloride

2,3 g didecyldimethylammonium chloride

Single Unit	Unit	Content	REF
sachet	200	20 ml	00-245-0002-01E
dosage bottle	10	1 L	00-245-010-01E
canister	3	5 L	00-245-050-01E

Prevent – Bactericidal, yeasticidal, all enveloped viruses. **Preserve** – Bactericidal, yeasticidal, all enveloped viruses, Noro-, Rota- and Adenoviruses, tuberculocidal. **Protect** – Bactericidal, yeasticidal, fully virucidal, mycobactericidal, sporicidal. Use disinfectants safely. Always read the label and product information before use.

No unwanted interaction
with other disinfectants

PROTECT

Effective
inactivation of
resistant spores
and viruses

RKI AB

RKI/DVV

VAH

IHO

ÖGHMP

HACCP



ULTRASOL® ACTIVE

Surface disinfection and cleaning for non-invasive medical devices with mechanical action

- Reliable disinfection even in the event of an epidemic
- Broad spectrum of efficacy for areas with high requirements
- Good material compatibility and compatibility with other disinfectants due to oxidative base
- Suitable for final disinfection

ULTRASOL ACTIVE is a surface disinfection and cleaning for non-invasive medical devices with mechanical action. This powder concentrate is suitable for disinfecting and cleaning all types of surfaces and offers a broad spectrum of efficacy. The powder is practically dust-free and can be dosed easily and reliably. ULTRASOL ACTIVE is on the German RKI AB list and is suitable for both surface disinfection where increased efficacy in the routine is required and for disinfection in the event of an epidemic. The product offers good material compatibility and good cleaning performance. The effectiveness of ULTRASOL ACTIVE is guaranteed even in situations with high organic contamination. It effortlessly and safely removes dried blood residues.

Spectrum of efficacy and contact time

	PREVENT	PRESERVE	PROTECT
Application recommendation for surface disinfection	1 % – 5 min 0,5 % – 15 min	1 % – 5 Min 0,5 % – 15 Min	2 % – 15 min 1 % – 60 min

Application recommendation for tuberculocidal surface disinfection

2 % – 15 min, 1 % – 60 min

Application recommendation for sporicidal surface disinfection

2 % – 15 min, 1 % – 30 min

Composition – 100 g solution contain

Active substance: > 750 ppm peracetic acid generated from tetraacetythylenediamine (250 g/kg) and sodium percarbonate (450 g/kg). The active substance is released when the product is dissolved in water (in-situ, 10 g/l for a 1 % solution)

Single Unit	Unit	Content	REF
sachet	100	40 g	00-255-0004
bucket (incl. measuring spoon)	6	1 kg	00-255-010



	Application Method		Properties			Active Ingredients			Spectrum of Efficacy								Listing
	Rapid disinfection	Cleaning	Alcoholic	Alcohol-free	Perfume-free	QAC	Peracetic acid	Hydrogen peroxide	Bactericidal	Yeasticidal (C. albicans)	Tuberculocidal	Sporicidal	Active against enveloped viruses	Rota, Adeno and Noro-viruses	Virucidal	HACCP	
PURECLEAN LEMON WIPES		•															
PURECLEAN PRO WIPES		•		•	•												
CLEANISEPT® WIPES	•	•		•	•	•			•	•			•				
CLEANISEPT® WIPES MAXI	•	•		•	•	•			•	•			•				•
DESCOCEPT SPEZIAL WIPES	•	•		•	•	•			•	•			•				•
DESCOCEPT SENSITIVE WIPES	•	•	•		•				•	•	•		•	•			•
DESCOCEPT SENSITIVE WIPES XL	•	•	•		•				•	•	•		•	•			•
DESCOCEPT PUR WIPES RTU	•	•	•		•				•	•	•		•	•			•
CLEANISEPT® WIPES FORTE	•	•		•	•	•			•	•			•	•	•		
CLEANISEPT® WIPES FORTE MAXI	•	•		•	•	•			•	•			•	•	•		
ULTRASOL OXY® WIPES	•	•		•	•		•	•	•	•	•	•	•	•	•	•	•
ULTRASOL OXY® WIPES XL	•	•		•	•		•	•	•	•	•	•	•	•	•	•	•

SURFACE

Rapid Cleaning and Disinfection Wipes



For small to large surfaces

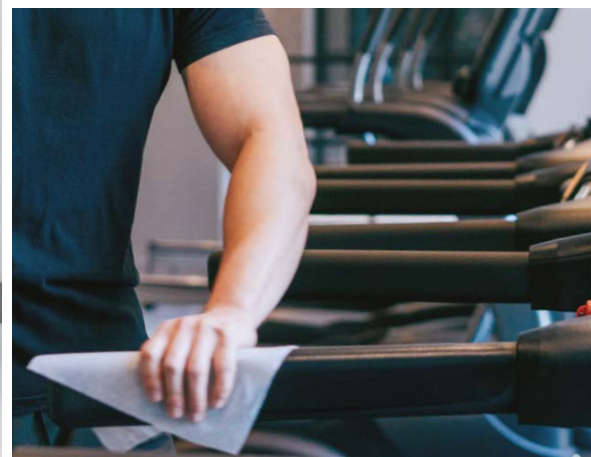
With Dr. Schumacher's ready-to-use cleaning and disinfecting wipes, you have the perfect solution for cleaning and disinfecting a wide variety of surfaces. Whether small or large, a patient bed or exercise equipment in the gym – these wipes can be selected according to their size and efficacy for the respective application.

We use various non-woven fleece materials for our surface disinfectant wipes. You have the choice between our PET non-woven and bio-based non-woven fleeces, among others. Both options are compatible with various materials and clean efficiently. The combination of an optimized wipe structure and a precisely calibrated saturation level allows for increased coverage per wipe.



Find out more about
our products here:

www.schumacher-online.com/en/rdw



A Transition to Sustainable Packaging



Promoting recycling, saving resources

As the largest manufacturer of disinfectant wipes in the EU, Dr. Schumacher accepts our responsibility to the environment. The transition to sustainable films is complex for medical products: protection, hygiene, and regulatory requirements leave little room to maneuver. **Nevertheless, we have already succeeded in switching a large proportion of our packaging films to recyclable mono-composite films**, and are working towards changing out all packaging in the future.

Where possible, we also use recycled materials, for example in packaging for cosmetics or cleaning products. A milestone: our wet wipe packaging developed together with partners **contains 30 % post-consumer recycled (PCR) materials**. This innovation not only meets the highest safety standards, but was also awarded the **German Packaging Award in the sustainability category in 2024**.



Mono-composite film

Mono-composite films –
for improved recyclability



PCR film

Made with 30 % recycled material –
winner of the German packaging prize

Packaging made from
30 % recycled material

NEW



100 % recyclable
packaging

NEW



For skin and surfaces
For home and on the go



PURECLEAN LEMON WIPES

All-purpose cleaning wipes

- Fresh scent
- Remove dirt
- 30 % Post Consumer Recycled (PCR) material

PURECLEAN LEMON WIPES offer thorough cleaning for all smooth, washable surfaces, leaving behind a fresh, pleasant lemon scent. They are versatile and ideal for daily use in the kitchen, bathroom, toilet, in the car or on the go. They effectively remove dirt and ensure streak-free cleaning. The fresh scent leaves a pleasant, clean aroma on your surfaces. These versatile wipes may be used on nearly all smooth and washable surfaces.

PURECLEAN PRO WIPES

Skin and Surface cleaning wipes

- Hygienic cleanliness on the go
- 100 % plastic-free wipe material
- Alcohol-, dye-, and perfume-free
- Approved by the German Allergy and Asthma Association e.V. (DAAB)

PURECLEAN PRO WIPES offer thorough and gentle cleaning, wherever you are. They are free of perfume, dyes, and alcohol, and therefore particularly gentle on sensitive surfaces. The wipes are also pH-neutral and ideal for use on skin. Effective cleaning: reliably removes dirt from smooth surfaces, including medical equipment. Fragrance-free: perfect for those who value neutral and odor-free cleaning. Ideal for on the go: compact, practical, and ready to use anywhere.

Composition – 100 g solution contain

less than 5 % anionic surfactants, non-ionic surfactants
preservatives (sodium benzoate), perfumes

Size

19 x 15,5 cm

Single Unit	Unit	Content	REF
flowpack	8	80 wipes	00-050Z-To80E

Composition – 100 g solution contain

less than 5 % non-ionic surfactants
preservatives (sodium benzoate)

Size

20 x 18 cm

Single Unit	Unit	Content	REF
flowpack	8	50 wipes	00-639HI6-To50E

PREVENT



PREVENT

VAH
IHO
ÖGHMP



CLEANISEPT® WIPES

Surface disinfection and cleaning of non-invasive medical devices with mechanical action

- Ready-to-use wipes in a resealable dispenser
- Alcohol-free formulation
- For disinfection of ultrasound probes for abdominal examinations

CLEANISEPT WIPES are ready-to-use wipes for surface disinfection and cleaning of non-invasive medical devices with mechanical action. They enable time-saving and efficient application on medical devices and medical equipment. The wipes have a shelf life of 90 days after the pack has been opened. CLEANISEPT WIPES enable quick and easy application, particularly for disinfecting and cleaning ultrasound probes without mucous membrane contact. They are free of alcohol and do not contain aldehydes or phenols. CLEANISEPT WIPES are effective against bacteria, yeasts (including *Candida auris*) and enveloped viruses.

VAH
IHO
ÖGHMP
HACCP



CLEANISEPT® WIPES MAXI

Surface disinfection and cleaning of non-invasive medical devices with mechanical action

- Ready-to-use wipes in a resealable dispenser
- Alcohol-free formulation
- Suitable for disinfecting surfaces with frequent hand contact in public areas
- For disinfection of ultrasound probes for abdominal examinations

CLEANISEPT WIPES MAXI's larger format are ideal for disinfection and cleaning of non-invasive medical devices with mechanical action as well as surfaces. Single wipes can be easily removed from the resealable flowpack. CLEANISEPT WIPES MAXI are effective against bacteria, yeasts (including *Candida auris*) and enveloped viruses.

Spectrum of efficacy and contact time

	PREVENT	PRESERVE	PROTECT
Application recommendation for surface disinfection	1 min		

Composition – 100 g solution contain

0,5 g alkyl (C12-16) dimethylbenzylammonium chloride
0,25 g didecyltrimethylammonium chloride

Single Unit	Unit	Content	Size	REF
dispenser box	12	100 wipes	14 x 20 cm	00-208-D100-01E
refill pack	12	100 wipes	14 x 20 cm	00-208-R100-01E

Spectrum of efficacy and contact time

	PREVENT	PRESERVE	PROTECT
Application recommendation for surface disinfection	1 min		

Composition – 100 g solution contain

0,5 g alkyl (C12-16) dimethylbenzylammonium chloride
0,25 g didecyltrimethylammonium chloride

Single Unit	Unit	Content	Size	REF
flowpack	6	100 wipes	20 x 22 cm	00-208-T100E

PREVENT



DESCOSEPT SPEZIAL WIPES

Surface disinfection and cleaning of non-invasive medical devices with mechanical action

- Ready-to-use non-woven wipes in a resealable wipe dispenser
- Alcohol-free formulation
- Large wipes for routine cleaning and disinfection
- Ideal for disinfecting sports equipment in, for example, gyms

DESCOSEPT SPEZIAL WIPES are ready-to-use wipes for surface disinfection and cleaning of non-invasive medical devices with mechanical action. The large format, alcohol-free wipes (30 x 32 cm) enable time-saving and efficient application on medical devices and medical inventory as well as all types of surfaces in routine use. Single wipes are easily extracted from the dispenser with resealable lid. DESCOSEPT SPEZIAL WIPES are effective against bacteria, yeasts (including *Candida auris*) and enveloped viruses. Each refill pack comes with an ULTRASOL OXY SACHET to ensure proper manual reprocessing before refilling the dispenser.

Spectrum of efficacy and contact time

	PREVENT	PRESERVE	PROTECT
Application recommendation for surface disinfection	1 min		

Composition – 100 g solution contain

0,5 g alkyl (C12-16) dimethylbenzylammonium chloride
0,25 g didecyltrimethylammonium chloride

Single Unit	Unit	Content	Size	REF
dispenser and roll	1	100 wipes	30 x 32 cm	00-208-ERS100-01E
refill pack	2	100 wipes	30 x 32 cm	00-208-RS100-01E

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

Contact times for surface disinfection

Compliance with contact times is essential to ensure successful hygiene with surface disinfection. According to the Robert Koch Institute, routinely disinfected surfaces can be used again once they are visibly dry. There are, however, exceptions for which the contact time for surface disinfection must be observed.

What is the one-hour value?

With the one-hour value, concentrates are dosed in such a way that the solution becomes effective after a contact time of one hour. This value is used in high risk areas in particular. It is important to note that once the disinfected surface is visibly dry, it can be used again irrespective of the one-hour contact time. Most microorganisms are inactivated at the start of the contact time.

In which situations must the given contact time be observed before the surface can be reused?

- With targeted disinfection when there is a risk of germ transmission from a surface to a patient
- With final disinfection
- When reprocessing medical devices
- When disinfecting baths

Should surfaces have to be reused quickly on a regular basis, the use of rapidly effective disinfectants is recommended.



DESCOCEPT SENSITIVE WIPES

Surface disinfection and cleaning of non-invasive medical devices with mechanical action



- Good material and skin compatibility with low ethanol content
- Wide range of applications on surfaces and medical devices
- Structured non-woven material improves absorbency
- Safe to use without gloves, reducing additional costs
- Suitable for use in the food industry, industrial and public sectors

Alcohol-based wipes for rapid disinfection

DESCOCEPT SENSITIVE WIPES are ready-to-use wipes for surface disinfection and cleaning of non-invasive medical devices with mechanical action. The alcohol-based wipes offer gentle disinfection and cleaning of medical devices, medical equipment and surfaces of all kinds in near patient areas. DESCOCEPT SENSITIVE WIPES feature a patented folding technology with an optimal ratio of non-woven wipes to impregnating solution. This ensures a quick and effective disinfection, while also being gentle on sensitive surfaces and materials. The products are suitable for use on medium-sized areas.

DESCOCEPT SENSITIVE WIPES Bio, with 100 wipes per pack, are the sustainable solution made from 100 % plastic-free non-woven fleece from renewable raw materials. The non-woven material improves absorbency and ensures more efficient cleaning performance. The biodegradability of our nonwoven fabrics is certified to the European standard EN 13432. Both DESCOCEPT SENSITIVE WIPES (traditional PET and renewable bio-fleece) and DESCOCEPT SENSITIVE WIPES XL are effective against bacteria, yeasts (including *Candida auris*), enveloped viruses, noro- rota- and adenoviruses, as well as mycobacteria including TB. DESCOCEPT SENSITIVE WIPES are also suitable for reprocessing disinfectant dispensers made of anodized aluminum.

Spectrum of efficacy and contact time

	PREVENT	PRESERVE	PROTECT
Application recommendation for surface disinfection	2 min	3 min	

Application recommendation for tuberculocidal surface disinfection	3 min
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Composition – 100 g solution contain

45 g Ethanol

Single Unit	Unit	Content	Size	REF
flowpack (PET-fleece)	9	60 wipes	20 x 22 cm	00-323DS-To60E
flowpack (Bio-fleece)	6	100 wipes	20 x 20 cm	00-323DS-T100E

¹ The biodegradability of our wipe material has been certified in accordance with EN 13432.

Prevent – Bactericidal, yeasticidal, all enveloped viruses. **Preserve** – Bactericidal, yeasticidal, all enveloped viruses, Noro-, Rota- and Adenoviruses, tuberculocidal. **Protect** – Bactericidal, yeasticidal, fully virucidal, mycobactericidal, sporidial.

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

GREEN LINE



A sustainable solution with Bio wipe

Our innovative Bio wipe is made from a single component – a 100 % renewable wood pulp. It is completely biodegradable and plastic-free, as confirmed by independent laboratory tests.

The impregnating liquid that gives our **DESCOCEPT SENSITIVE WIPES Bio** their effectiveness is also biodegradable. Additionally, our nonwoven raw materials are PEFC-certified, reflecting our long-standing commitment to supporting sustainable forestry.

The raw materials are primarily sourced from Germany to shorten supply chains and reduce CO₂ emissions. Additionally, the production is powered by electricity from renewable energy sources.

Comprehensive efficacy

DESCOCEPT SENSITIVE WIPES Bio, with biodegradable, non-woven fleece, offer comprehensive efficacy with short contact times (see table on p. 48). The comparatively low amount of ethanol is gentle on skin and materials – no gloves required! The structure of the organic Bio fleece is more durable and tear-resistant and allows for a large range of coverage on surfaces. This makes it ideal for cleaning and disinfecting medium-sized areas. **DESCOCEPT SENSITIVE WIPES Bio** excel in maintaining their effectiveness, as the impregnating liquid remains evenly distributed, ensuring consistent performance and effectiveness even long after production.

Patented innovation

Our patented folding technology makes the removal of individual wipes quick and easy and helps make the usability of **DESCOCEPT SENSITIVE WIPES** even more efficient. This feature is available with both traditional PET non-woven and with our new and improved Bio fleece.

Designed with sustainability in mind, versatile application.



Disinfecting wipes made from PET or bio fleece.



The non-woven fleece of our Bio-Wipes is 100 % biodegradable.



Made from renewable raw materials.



Good material compatibility due to a low-alcohol formulation.



Versatile applications.



Suitable for medical devices, medical equipment, as well as all types of surfaces.



Limited virucidal in 3 minutes.



Applicable within the guidelines of an HACCP concept.

Learn more about
**DESCOCEPT
SENSITIVE WIPES**
www.bio-wipes.de



**PRESERVE**

DESCOCEPT SENSITIVE WIPES XL

Surface disinfection and cleaning of non-invasive medical devices with mechanical action

- Good material and skin compatibility with low ethanol content
- Wide range of applications on surfaces and medical devices
- Efficient disinfection and cleaning performance with long shelf life and broad spectrum of efficacy
- Suitable for use in the food industry
- Optimal combination of material and impregnation liquid

DESCOCEPT SENSITIVE WIPES XL are alcoholic wipes for surface disinfection and cleaning of non-invasive medical devices with mechanical action. DESCOCEPT SENSITIVE WIPES XL are convenient and time saving. They can be used everywhere and their larger size makes them ideal for disinfecting larger surfaces near the patient. DESCOCEPT SENSITIVE WIPES XL are effective against bacteria, yeasts (including *Candida auris*), all enveloped viruses as well as noro-, rota-, and adenovirus and are mycobactericidal and tuberculocidal.

Spectrum of efficacy and contact time

	PREVENT	PRESERVE	PROTECT
Application recommendation for surface disinfection	2 min	3 min	

Application recommendation for tuberculocidal surface disinfection		3 min	
--	--	-------	--

Composition – 100 g solution contain

45 g Ethanol	
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Single Unit	Unit	Content	Size	REF
wipes dispenser	4	120 wipes	17,5 x 36 cm	00-323DS-OSEB120E

Minimal residues

PRESERVE

DESCOCEPT PUR WIPES RTU

Surface disinfection and cleaning of non-invasive medical devices with mechanical action

- Ready-to-use, time-saving application in a resealable dispenser
- Especially suited for disinfection of large-sized surfaces in near patient areas
- Residue-free rapid disinfection

DESCOCEPT PUR WIPES RTU are alcoholic wipes for surface disinfection and cleaning of non-invasive medical devices with mechanical action. The large-format wipes (17,5 x 36 cm) enable time-saving and efficient application on surfaces in near patient areas and for medical equipment. Single wipes are easily, individually removed from the dispenser which comes with a resealable lid. These ready-to-use wipes require no additional dosing or refilling. DESCOCEPT PUR WIPES RTU are effective against bacteria, yeasts (including *Candida auris*), all enveloped viruses as well as noro-, rota-, and adenovirus and are mycobactericidal and tuberculocidal. Each refill pack comes with an ULTRASOL OXY SACHET to ensure proper, manual reprocessing before refilling the dispenser.

Spectrum of efficacy and contact time

	PREVENT	PRESERVE	PROTECT
Application recommendation for surface disinfection	5 min	5 min	

Application recommendation for tuberculocidal surface disinfection		5 min	
--	--	-------	--

Composition – 100 g solution contain

45 g Ethanol	
--------------	--

Single Unit	Unit	Content	Size	REF
pack	2	120 wipes	17,5 x 36 cm	00-323-RS120E

Virucidal according to EN 14476

PROTECT

VAH
IHO
ÖGHMP



CLEANISEPT® WIPES FORTE

Surface disinfection and cleaning of invasive medical devices with mechanical action

- Ready-to-use wipes in a resealable dispenser
- Alcohol-free formulation
- Virucidal according to EN 14476

CLEANISEPT WIPES FORTE are alcohol-free wipes for surface disinfection and cleaning of invasive medical devices with mechanical action. The wipes are based on a user-friendly formula, are completely odorless, and offer an excellent material compatibility. CLEANISEPT WIPES FORTE enables a practical and time saving application, especially for the virucidal disinfection and cleaning of ultrasound probes. The wipes are free of alcohol, aldehydes and phenols. CLEANISEPT WIPES FORTE are effective against bacteria, yeasts (including *Candida auris*) and enveloped viruses.

Spectrum of efficacy and contact time

	PREVENT	PRESERVE	PROTECT
Application recommendation for surface disinfection	2 min	2 min	2 min

Composition – 100 g solution contain

0,4 g alkyl (C12-16) dimethylbenzylammonium chloride
0,2 g didecyldimethylammonium chloride

Single Unit	Unit	Content	Size	REF
dispenser box	12	100 wipes	14 x 20 cm	00-235-D100E

Virucidal according to EN 14476

PROTECT



VAH
IHO
ÖGHMP



CLEANISEPT® WIPES FORTE MAXI

Surface disinfection and cleaning of invasive medical devices with mechanical action

- Easily removable wipes in a resealable flowpack
- Alcohol-free formulation
- Virucidal according to EN 14476
- Suitable for ultrasound probes for transvaginal and abdominal examinations

CLEANISEPT WIPES FORTE MAXI are alcohol-free wipes for surface disinfection and cleaning of invasive medical devices with mechanical action. These ready-to-use disinfectant wipes enable virucidal cleaning and disinfection of medical devices – especially when preparing ultrasound heads. Their user-friendly formula is odorless, material-compatible and free from aldehydes and phenols.

CLEANISEPT WIPES FORTE MAXI are suitable for disinfecting and cleaning medium-sized surfaces in areas with increased efficacy requirements due to their large wipes and extensive spectrum of activity. Single wipes can be easily removed from the practical packaging with its resealable cover. CLEANISEPT WIPES FORTE MAXI are effective against bacteria, yeasts (including *Candida auris*) and enveloped viruses.

Spectrum of efficacy and contact time

	PREVENT	PRESERVE	PROTECT
Application recommendation for surface disinfection	2 min	2 min	2 min

Composition – 100 g solution contain

0,4 g alkyl (C12-16) dimethylbenzylammonium chloride
0,2 g didecyldimethylammonium chloride

Single Unit	Unit	Content	Size	REF
flowpack	6	100 wipes	20 x 22 cm	00-235-T100E



ULTRASOL OXY® WIPES

High-level Infection Prevention



- Broad spectrum of efficacy¹ with short contact times (see table)
- High material compatibility due to an oxidative base
- Cleaning and disinfection in one step
- Suitable for use in the food industry

Surface disinfection and cleaning of invasive medical devices with mechanical action

ULTRASOL OXY WIPES are oxidative-based disinfectant wipes for cleaning and disinfecting medical devices and medical inventory in areas with increased efficacy requirements. The wipes have a broad spectrum of efficacy¹ against bacteria and viruses, including spores. Thanks to its oxidative base, ULTRASOL OXY WIPES have a high level of material compatibility and can be used on almost all materials. Our ULTRASOL OXY WIPES XL are ideal for disinfecting large surfaces, thanks to their large wipe size, ensuring efficient and thorough coverage. The pre-saturated wipes allow convenient and time saving application, even when used in difficult conditions.

Spectrum of efficacy and contact time

	PREVENT	PRESERVE	PROTECT
Application recommendation for surface disinfection	5 min	5 min	5 min
Application recommendation for tuberculocidal surface disinfection			5 min
Application recommendation against <i>C. Diff.</i>			5 min
Application recommendation for sporicidal surface disinfection			15 min

Main active ingredients – 100 g solution contain

7 g Hydrogen Peroxide

0,1 g Peracetic Acid

Single Unit	Unit	Content	Size	REF
flowpack	6	72 wipes	20 x 20 cm	00-270-T072E
dispenser system	4	120 Wipes	17,5 x 36 cm	00-270-OSEB120

¹ bactericidal, yeasticidal, tuberculocidal, mycobactericidal, sporicidal, fungicidal and virucidal

Prevent – Bactericidal, yeasticidal, all enveloped viruses. **Preserve** – Bactericidal, yeasticidal, all enveloped viruses, Noro-, Rota- and Adenoviruses, tuberculocidal. **Protect** – Bactericidal, yeasticidal, fully virucidal, mycobactericidal, sporicidal.

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

RELIABLE DISINFECTION

Sporicidal. Effective. **ULTRASOL OXY®**



**For routine
disinfection
and outbreaks**



Sporicidal disinfection

With the **ULTRASOL OXY** products, we offer you a powerful solution for the efficient disinfection of medical devices and all types of surfaces. The fast contact times and broad spectrum of efficacy¹, including sporicidal efficacy (see table on the left), make these products ideal for both routine disinfection and outbreak situations. This eliminates the need for additional products, simplifying both application and storage.

Excellent biocompatibility

Through intensive research and development, we have successfully combined broad-spectrum efficacy¹ (see table on the left) with high material and biocompatibility. The active ingredients, peracetic acid and hydrogen peroxide, break down into the byproducts: oxygen, water and acetic acid.

This makes them suitable for use on nearly all materials while ensuring excellent biocompatibility as a Class IIb medical device. Additionally, the byproducts are free from phenols and aldehydes and do not possess carcinogenic properties. As a result, rinsing after use is generally not required.





	System		Use		Standing Time		Content	Size
	Singel-use non-woven wipe dispenser system	Reusable non-woven wipe dispenser system	Routine disinfection	High risk areas	28 days	up to 60 days ¹	Wipes per roll	Wipe size
ONE SYSTEM +PLUS	•		•	•		•	100wipes	30 x 32 cm
ONE SYSTEM BASIC	•		•	•		•	120 wipes	17,5 x 36 cm
DESCO WIPES		•	•		•		50 wipes	30 x 32 cm
		•	•		•		100 wipes	30 x 32 cm
DESCO WIPES SMALL		•	•		•		70 wipes	25 x 25 cm
ECO WIPES		•	•		•		50 wipes	30 x 32 cm
		•	•		•		100 wipes	30 x 32 cm
		•	•		•		120 wipes	17,5 x 36 cm

¹ In comparison with other conventional surface disinfectants with a standing time of 28 days and a impregnation time of 30 minutes, the tested surface disinfectants from Dr. Schumacher achieved a presaturation time of only 15 minutes and an increased standing time of the filled system of 42/60 days.

SURFACE

Dry Wipe Systems

Fast and flexible

Dry wipe dispenser systems from Dr. Schumacher are the ideal, flexible solution. Combine your favorite disinfectant with our high-quality non-woven wipes for a fast, flexible and cost-efficient surface disinfection. With our time-tested, reusable dispensers and our safe, single-use dispensers for maximum safety, Dr. Schumacher has the right system for your needs, even in high-risk areas.



Find out more about
our products here:

www.schumacher-online.com/en/dws



ONE SYSTEM +PLUS

Efficient. Hygienic. Innovative.

Single-use and still environmentally friendly – up to 50 % less plastic than conventional dispenser systems⁴



- Flexible choice of disinfectant depending on the application area
- Innovative design for easy handling
- Completely recyclable bucket
- Ready-to-use after 15 minutes¹ – even in areas with a high risk of infection – up to 60 days¹ shelf life
- Large, resealable opening for easy filling



Disposable wipe dispenser for use with disinfectants¹

ONE SYSTEM PLUS is a reliable, innovative dispenser system for disposable non-woven wipes, designed to support hygiene protocols. When used with the appropriate disinfectants, it enables the hygienic preparation of medical devices, equipment, and surfaces of all kinds.

ONE SYSTEM PLUS is quick and practical to use. The system is prefilled with a PET non-woven wipe roll and is ready to use after only 15 minutes of soaking time after adding your disinfectant of choice. When combined with selected Dr. Schumacher products, ONE SYSTEM PLUS may be used over a period of up to 60 days as opposed to the standard 28 days for comparable products on the market. Once the non-woven wipe roll has been fully used, the system can be discarded immediately, provided that any residual content is cleared – eliminating the need for reprocessing. ONE SYSTEM PLUS is designed for single use and prevents possible contamination resulting from reprocessing. Accordingly, the system is suitable not only for all standard healthcare applications but also for areas with a high risk of infection.

Disinfectant	Standing Time ¹	4-Field Test ²	Use also in Areas with special Risk of Infection ³
ULTRASOL OXY	60 Days	•	•
OPTISAL PLUS	42 Days	•	•
CLEANISEPT	42 Days	•	•
OPTISAL N	42 Days	•	•
DESCOCEPT PUR	42 Days	•	•
DESCOCEPT SENSITIVE	42 Days	•	•
Size			
30 x 32 cm			
Single Unit			
Unit Content REF			
ONE SYSTEM PLUS	2	100 wipes	00-915-OSEE100-01E

¹ In comparison with other conventional surface disinfectants with a standing time of 28 days and a impregnation time of 30 minutes, the tested surface disinfectants from Dr. Schumacher achieved a presaturation time of only 15 minutes and an increased standing time of the filled system of 42/60 days.

² tested with all mandatory test organisms in line with EN 16615 (bactericidal/yeasticidal).

³ in accordance with information from the Association for Applied Hygiene (VAH) Disinfectant Commission in cooperation with the "4+4 Working Group": On the use of wipe dispenser systems in areas with special infection risk, Hyg Med 2014; 39 – 9.

⁴ compared to DESCO WIPES dispenser.

Surface disinfection:

simple yet powerful

Ensuring efficient and comprehensive surface disinfection – especially in areas with an increased risk of contamination and infection – has always been a top priority for Dr. Schumacher products. The practical **ONE SYSTEM PLUS** disposable non-woven wipe dispenser system allows for easy refilling, enabling hygienic and efficient application and disinfection. Due to its user-friendly handling, the risks associated with reprocessing are minimized, and the consumption of disinfectant remains predictable.

When used with the following products, ONE SYSTEM PLUS can be utilized for a period of up to 42 or 60 days¹, depending on the product:

ULTRASOL OXY // OPTISAL PLUS // CLEANISEPT // OPTISAL N // DESCOSEPT PUR // DESCOSEPT SENSITIVE



User-friendly and durable

This innovative disposable non-woven wipe dispenser system is simple, safe and efficient. The construction and handling is similar to conventional non-woven wipe dispensers but with a number of additional advantages: The dispenser opening is aligned with the non-woven wipe roll, giving the user quick access when removing the first wipe along with efficient saturation of the entire roll, resulting in a shortened preparation time. The filling process was designed to be intuitive and practical for the user. There are considerably fewer steps in the process for the user. The transparent design allows the user to check the fill level at a glance, making inventory planning simple and efficient. The dispenser, with its lightweight foldable construction, is made of pure polypropylene and can be flattened for disposal without any special requirements.

Tested compatibility

The tear-resistant, PET premium non-woven wipes found in ONE SYSTEM PLUS have been extensively tested by experts for combination with the recommended Dr. Schumacher disinfectants. **ONE SYSTEM PLUS** ensures optimal implementation of the desired disinfection measures with user-friendly handling, cost effectiveness and proven, hygienic results.



Advantages of ONE SYSTEM⁺ PLUS

Foldable lightweight dispenser for hassle-free recycling



Especially suited for use in high-risk infection areas

Patented wipe dispenser system for easy refilling and quick wipe access

50 % extended service life¹ – for less waste and greater efficiency

Single-use design helps avoid mistakes during reprocessing and prevents contamination

Easy and hassle-free filling thanks to the resealable opening

¹ In comparison with other conventional surface disinfectants with a standing time of 28 days and a impregnation time of 30 minutes, the tested surface disinfectants from Dr. Schumacher achieved a presaturation time of only 15 minutes and an increased standing time of the filled system of 42/60 days.

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

ONE SYSTEM BASIC

Efficient. Versatile. Proven.

Space-saving storage and easy disposal



- Compact flexi-packaging with high stability for particularly easy handling and fill-level control
- Contains non-woven wipes designed for saturation with disinfectants
- Ready-to-use after 15 minutes¹ with up to 60 days¹ standing time – even in areas with a increased risk of infection
- Flexible choice of disinfectant based on the specific requirements
- Space saving storage and easy disposal

Single use wipe dispenser for filling with disinfectants¹

ONE SYSTEM BASIC is an innovative single-use wipe dispenser system for effective hygiene measures. In combination with suitable disinfectants, it can be used for reliable hygienic reprocessing of medical devices and medical equipment as well as surfaces of all kinds. ONE SYSTEM BASIC is easy to use and saves you time. The system comes complete with a PET non-woven wipe roll and is ready-to-use after only 15 minutes after filling with the disinfectant of your choice. Together with Dr. Schumacher products, ONE SYSTEM BASIC can be used for a period of up to 60 days¹ rather than the standard 28 days. Once the roll is used up, there's no reprocessing needed – just empty residual liquid and dispose of it. ONE SYSTEM BASIC is designed for single use and rules out any possible contamination caused by re According, in addition to all usual applications in healthcare, the system is particularly suitable for areas with a high risk of infection. The non-woven wipes release the disinfectant solution perfectly, ensuring complete coverage of the surface to be disinfected.

Disinfectant	Standing Time ¹	4-Field Test ²	Use also in Areas with special Risk of Infection ³
ULTRASOL OXY	60 Days	•	•
OPTISAL PLUS	42 Days	•	•
CLEANISEPT	42 Days	•	•
OPTISAL N	42 Days	•	•
DESCOCEPT SENSITIVE	42 Days	•	•
Size			
17,5 x 36 cm			
Single Unit			
ONE SYSTEM BASIC	4	120 wipes	00-915-OSEB120-01

¹ In comparison with other conventional surface disinfectants with a standing time of 28 days and a impregnation time of 30 minutes, the tested surface disinfectants from Dr. Schumacher achieved a presaturation time of only 15 minutes and an increased standing time of the filled system of 42/60 days.

² tested with all mandatory test organisms in line with EN 16615 (bactericidal/yeasticidal).

³ in accordance with information from the Association for Applied Hygiene (VAH) Disinfectant Commission in cooperation with the "4+4 Working Group": On the use of wipe dispenser systems in areas with special infection risk, Hyg Med 2014; 39 – 9.

Optimal combination of packaging and application

In addition to product efficacy, Dr. Schumacher focuses intently on the usability, flexibility and cost-effectiveness of our products. The combination of these factors led to our disposable, non-woven tissue dispenser system, **ONE SYSTEM BASIC**.

ONE SYSTEM BASIC enables optimal surface disinfection when used in combination with tested Dr. Schumacher disinfectants. Thanks to the use of flexible packaging, **ONE SYSTEM BASIC** not only offers a user-friendly and time saving application, but also easy disposal.

ONE SYSTEM BASIC can be used up to 42 or 60 days¹ after filling when combined with the following Dr. Schumacher products:

ULTRASOL OXY // OPTISAL PLUS // CLEANISEPT // OPTISAL N // DESCOSEPT SENSITIVE



**ULTRASOL
OXY®**
p 36



**OPTISAL®
PLUS**
p. 41



CLEANISEPT®
p 40



OPTISAL® N
p 40



**DESCOSEPT
SENSITIVE**
p. 34

Easy application

The innovative single-use wipe dispenser system is simple, safe and efficient. Its design and handling are based on standard wipe dispensers, but it also offers a number of additional benefits. The opening is specifically designed for the wipe roll and allows quick access when removing the first wipe, as well as efficient saturation of the entire roll, which makes for a shorter preparation time. Filling the dispenser is intuitive and convenient for the user. The transparent pouch design allows the fill level to be checked at a glance, making it easy to re-order and plan ahead of time. The dispenser features a stand-up pouch specially designed to be particularly space-saving for both storage and disposal.

Hygienic, single-use system

The included PET premium non-woven fleece is made from tear-resistant material and is fully tested with the recommended disinfectants. The dispenser, consisting of a dispensing device and a specially designed stand-up pouch, is space-saving for storage and disposal.

ONE SYSTEM BASIC ensures execution of desired disinfection measures through user-friendly handling, cost-effectiveness, and a proven, hygienic result.



¹ In comparison with other conventional surface disinfectants with a standing time of 28 days and a impregnation time of 30 minutes, the tested surface disinfectants from Dr. Schumacher achieved a presaturation time of only 15 minutes and an increased standing time of the filled system of 42/60 days.

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



DESCO WIPES

Reusable non-woven wipe dispenser system

- Reusable dispenser bucket for use with non-woven DESCO WIPES and suitable surface disinfectant
- Each refill comes with an ULTRASOL OXY Sachet for reprocessing

DESCO WIPES is a reusable wipes dispenser system for cleaning and disinfection. DESCO WIPES consist of a reusable wipe dispenser bucket and corresponding non-woven rolls for refilling. It can be used in combination with both ready-to-use, rapid disinfectants as well as disinfectant concentrates, making it a flexible solution for your varying hygiene needs. DESCO WIPES may be used for cleaning and disinfection of medical devices, medical equipment and surfaces of all kinds. Each refill comes with an ULTRASOL OXY SACHET to ensure proper manual reprocessing before reusing the dispenser.

Single Unit	Unit	Content	Size	REF
dispenser bucket	1	empty	-	00-915-SD001
dispenser bucket	6	empty	-	00-915-SD002
wall holder	1	-	-	00-902-EIM
dispenser bucket small	1	empty	-	00-915-SKD001
dispenser bucket small	6	empty	-	00-915-SKD002
wall holder small	1	-	-	00-902-EIMK
DESCO WIPES				
pack	3	100 wipes	30 x 32 cm	00-915-RD10003-01
pack	6	100 wipes	30 x 32 cm	00-915-RD10006-01
pack	3	50 wipes	30 x 32 cm	00-915-RD5003-01
DESCO WIPES SMALL				
pack	3	70 wipes	25 x 25 cm	00-915-RD7003-01



ECO WIPES

Reusable non-woven wipe dispenser system

- Reusable dispenser bucket for use with non-woven ECO WIPES and suitable surface disinfectant
- Each refill comes with an ULTRASOL OXY Sachet for reprocessing
- Durable and tear-resistant

ECO WIPES consist of a reusable non-woven wipe dispenser system paired with compatible refill rolls of non-woven wipes. It offers high flexibility, as it can be used with both ready-to-use rapid disinfectants and application solutions prepared from disinfectant concentrates. The wipes are made from premium non-woven material, ensuring reliable performance. Each refill pack includes an ULTRASOL OXY SACHET, allowing for manual hygienic reprocessing of the dispenser before refilling.

Single Unit	Unit	Content	Size	REF
dispenser bucket	1	empty	-	00-915-SE001
dispenser bucket	6	empty	-	00-915-SE002
wall holder	1	-	-	00-902-EIM
ECO WIPES				
pack	3	100 wipes	30 x 32 cm	00-915-REW10003-01
pack	6	100 wipes	30 x 32 cm	00-915-REW10006-01
pack	3	50 wipes	30 x 32 cm	00-915-REW5003-01

Maximum Hygiene – Made in Germany

Germany is known for some of the highest hygiene standards worldwide. Reprocessing not only requires disinfection, but also the elimination of spores.

Dr. Schumacher meets these demands with **sporicidal wipes** included with every roll – ideal for safely reprocessing **reusable dispenser buckets**.

Rely on Dr. Schumacher for uncompromising hygiene.

**Reliable. Effective.
Sporicidal reprocessing.**





	Application Areas			Spectrum of Efficacy					Product Properties					
	Antimicrobial cleansing	Hygienic hand wash	Antimicrobial hair washing	Bactericidal	Yeasticidal	Effective against enveloped viruses	MRSA	MRCGN (e.g. Acinetobacter baumannii)	Microwaveable	Alcohol-free	pH skin neutral	Lipid replenishing	Perfume-free	Dye-free
DECONTAMAN PRE SOFT	•	•	•	•	•	•	•	•		•	•	•	•	•
DECONTAMAN PRE WIPES	•			•	•		•	•	•	•	•			•
DECONTAMAN PRE CAP	•		•	•	•		•	•	•	•	•			•

Please refer to the product information sheet (PIF) for complete information on the spectrum of efficacy.

HAND AND SKIN

Decontamination

Skin-friendly patient cleansing

Full-body cleansing significantly reduces the number of bacterial pathogens on the skin and lowers the risk of sepsis in patients. Dr. Schumacher's products contain the active ingredient chlorhexidine, which is highly effective in antimicrobial cleansing of skin and hair – **especially against bacteria and multidrug-resistant organisms such as MRSA and A. baumannii**. These products are particularly gentle, thanks to the inclusion of mild surfactants and rehydrating agents. All products are also dermatologically tested, making them suitable for patients with sensitive skin.



Find out more about
our products here:

www.schumacher-online.com/en/hsd





PREVENT



DECONTAMAN PRE SOFT

Antimicrobial washing lotion

- For antimicrobial patient washing and decontamination
- Achieves all relevant efficacies after 60 s
- Bactericidal, yeasticidal, active against enveloped viruses

DECONTAMAN PRE SOFT is an antimicrobial cleansing lotion to simultaneously clean and decontaminate skin, hair and hands, even in areas with a high load of fat or protein, such as in the food sector e.g. after meal preparation. Suitable for antimicrobial whole-body washing in cases of MRSA contamination or contamination with other multi-resistant Gram-negative bacteria (MRGN) such as *Acinetobacter baumannii* or vancomycin-resistant *enterococci* (VRE), especially prior to surgery or during longer periods of bed confinement. Thanks to its skin-friendly pH and nourishing ingredients, DECONTAMAN PRE SOFT offers excellent skin compatibility, making it ideal for frequent use and hygienic handwashing in compliance with the VAH guidelines and EN 1499. The formula is free from phenols, alcohol, perfumes, and dyes.

Spectrum of efficacy and contact times

Application recommendation for hygienic handwash ¹	EN 1499 / VAH	dirty conditions	1 min
efficacy against enveloped viruses	EN 14476		1 min
bactericidal	EN 13727	dirty conditions	30 s
yeasticidal (<i>C. albicans</i>)	EN 13624	dirty conditions	1 min

Composition – 100 g solution contain

2 g chlorhexidine digluconate
1,5 g 2-phenoxyethanol

Single Unit	Unit	Content	REF
dispenser bottle	20	500 ml	00-532-005
dispenser bottle	12	1 L	00-532-010
canister	3	5L	00-532-050

¹ including phase 2 step 1 and phase 2 step 2 tests (quantitative suspension tests and quantitative carrier tests)

Prevent – Bactericidal, yeasticidal, all enveloped viruses. **Preserve** – Bactericidal, yeasticidal, all enveloped viruses, Noro-, Rota- and Adenoviruses, tuberculocidal. **Protect** – Bactericidal, yeasticidal, fully virucidal, mycobactericidal, sporidicidal.

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



DECONTAMAN PRE WIPES

Antimicrobial cleansing wipes

- For presurgical, antimicrobial patient washing without water
- Time saving, thorough cleansing and decontamination
- Broad efficacy against bacteria including multi-resistant pathogens
- Wipes may be warmed for patient comfort
- Free from phenols, alcohols and colorants

DECONTAMAN PRE WIPES are ready-to-use wipes for antimicrobial cleaning of the skin. The large wipes are made of robust, pleasantly soft non-woven fabric and are saturated with a mild disinfectant solution containing 2% chlorhexidine. It is not necessary to rinse the skin after cleaning with DECONTAMAN PRE WIPES. Thanks to the film of active ingredient that remains on the skin a 24-hour residual action against bacteria is achieved.

Spectrum of efficacy and contact time

Application recommendation for antimicrobial patient washing ¹	EN 1499 (modified)	dirty conditions	5 min
bactericidal	EN 13727	clean conditions	1 min
bactericidal	EN 13727	dirty conditions	5 min
yeasticidal (<i>C. albicans</i>)	EN 13624	clean and dirty conditions	3 min

Composition – 100 g solution contain

2 g chlorhexidine digluconate

Single Unit	Unit	Content	Size	REF
flowpack	24	10 wipes	20 x 30 cm	00-530-T010E



DECONTAMAN PRE CAP

Antimicrobial cleansing cap

- Antimicrobial hair washing without water
- Practical and fast with an easy to use cap application
- Microwaveable for increased patient comfort
- Broad efficacy against bacteria including multi-resistant pathogens
- Latex-free, durable material

DECONTAMAN PRE CAP is a ready-to-use washing cap for the antimicrobial cleansing of hair and scalp. DECONTAMAN PRE CAP allows a time saving and thorough cleansing of the hair, especially for immobile patients, without additional rinsing with water. The antimicrobial efficacy makes the cap suitable for use in case of colonisation with multidrug-resistant bacteria. The cap is made of a very durable, latex-free material and can be heated if necessary.

Spectrum of efficacy and contact time

Application recommendation for disinfecting hair wash ¹	EN 1499 (modified)	dirty conditions	5 min
bactericidal	EN 13727	clean conditions	1 min
bactericidal	EN 13727	dirty conditions	5 min
yeastocidal (C. albicans)	EN 13624	clean und dirty conditions	3 min

Composition – 100 g solution contain

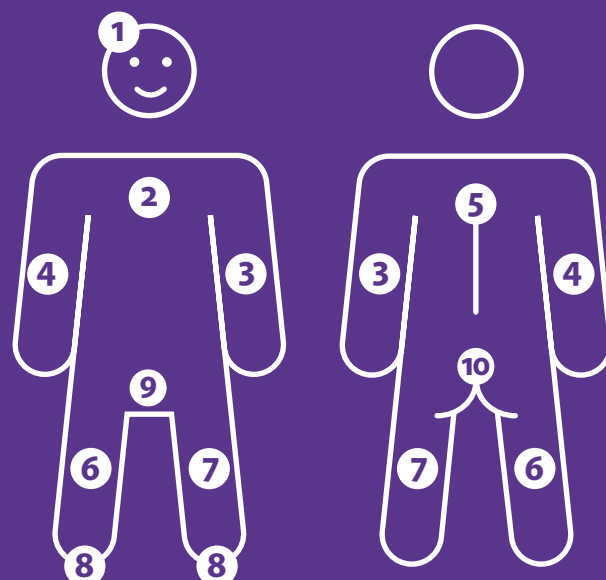
2 g chlorhexidine digluconate

Single Unit	Unit	Content	REF
cap	30	1 piece	00-530-H001E

¹ including phase 2 step 1 and phase 2 step 2 tests (quantitative suspension tests and quantitative carrier tests)
Use disinfectants safely. Always read the label and product information before use.

Full body washing

sequence with 10 wipes



1 Face

Cleanse face completely. Eyes must stay closed during the entire process. Use wipes carefully in the area around the eyes and avoid letting liquid run into eyes. When cleansing the ears be careful to keep liquid from running into ears.

2 Chest/stomach

Remove clothing from upper body and wash torso from the neck down to the belly button. Keep lower body warm.

3 4 Arms

Starting at the fingertips wash hands, arms and especially the armpits.

5 Back

Sit up or turn patient/resident to one side. From the outside with an inward motion wash neck and back. Dress patient/resident and turn them on their back.

6 7 Legs

Undress the lower body. Wash legs in an upward motion up to the thighs in the direction of the heart.

8 Feet

Wash feet starting with the toes.

9 Genital area

Perform intimate care.

10 Buttocks

Turn patient/resident to one side and wash buttocks and anal region

! Important:

When performing decontamination, towels should be placed under the patient so that the unwashed side of the body does not come into contact with clean linens. Avoid contact with mucous membranes. Due to hygienic reasons, wash genital area and buttocks last.





	Application Areas			Active Ingredients			Spectrum of Efficacy			Product Properties		Listing
	Hygienic hand disinfection acc. to EN 1500	Surgical hand disinfection acc. to EN 12791	Recommended for use in the food industry	Ethanol	2-Propanol	Active against enveloped viruses	Noro-, Rota- & Adenoviruses	Virucidal	Lipid replenishing	Perfume-free	Dye-free	HACCP
ASEPTOMAN®	•	•			•	•	•			•	•	
ASEPTOMAN® MED	•		•	•		•	•			•	•	•
ASEPTOMAN® FORTE	•	•	•	•		•	•	•	•	•	•	•
ASEPTOMAN® GEL	•	•		•		•	•	•	•	•	•	

Please refer to the product information sheet (PIF) for complete information on the spectrum of efficacy.

HAND AND SKIN

Hand Disinfection

Versatile and reliable

The large variety of rub-in preparations in Dr. Schumacher's ASEPTOMAN Family allows us to meet all requirements for your hand disinfection needs.

Whether ethanol or isopropanol based, Dr. Schumacher's hand disinfectants are proven to be safe and effective. ASEPTOMAN MED offers efficacy against all enveloped viruses as well as noro-, adeno- and rotaviruses with a low alcohol content, making it ideal for both routine hand disinfection, as well as in cases of norovirus outbreaks.



Find out more about
our products here:

www.schumacher-online.com/en/hsh



**PREVENT**

VAH

IHO

ÖGHMP

ASEPTOMAN®

Alcoholic hand disinfectant

- Bactericidal, tuberculocidal, yeasticidal
- Active against all enveloped viruses
- Contains emollients for skin care
- Perfume-free

Alcohol-based, perfume-free disinfectant for rubbing into the hands and skin. ASEPTOMAN has no cumulative long-term active ingredients or other additives, making it very skin-friendly. It is dermatologically tested and recommended for hand and skin disinfection for people with sensitive skin or people who are sensitive to allergies.

Spectrum of efficacy and contact time

	PREVENT	PRESERVE	PROTECT
Application recommendation for hygienic hand disinfection	30 s		
Application recommendation for surgical hand disinfection	1,5 min		

Composition – 100 g solution contain

63,14 g 2-Propanol

Single Unit	Unit	Content	REF
pocket-size-bottle	20	150 ml	00-403OP-0015E
bottle	20	500 ml	00-403OP-005E
bottle	12	1 L	00-403OP-010E

Prevent – Bactericidal, yeasticidal, all enveloped viruses. *Preserve* – Bactericidal, yeasticidal, all enveloped viruses, Noro-, Rota- and Adenoviruses, tuberculocidal. *Protect* – Bactericidal, yeasticidal, fully virucidal, mycobactericidal, sporicidal. Use disinfectants safely. Always read the label and product information before use.

ASEPTOMAN® MED

Alcoholic hand disinfectant

VAH

IHO

HACCP

PRESERVE**QAC-free**

- Limited spectrum virucidal within 30 seconds
- Particularly suitable for frequent use thanks to its low alcohol content
- Effective against Noro-, Rota- and Adenoviruses within the hygienic hand disinfection
- Broad spectrum of efficacy for routine and outbreak use
- Free from QAVs, mecetronium ethyl sulfate (MES), phenols, perfume and dyes

ASEPTOMAN MED is well-suited for daily routine thanks to its low alcohol content and broad spectrum of efficacy. ASEPTOMAN MED is effective against noroviruses and adenoviruses in hygienic hand disinfection and fulfills the requirements for use in the case of norovirus, rota virus and adenovirus outbreaks. It is perfume-free and **free of cumulative long-term active ingredients** that can accumulate on the skin and cause irritation. In addition, ASEPTOMAN MED contains high-quality moisturizing and nourishing ingredients that prevent the skin from drying out.

VAH – VAH-listed for hygienic hand disinfection in 30-seconds.

Prevent – Bactericidal, yeasticidal, all enveloped viruses. Preserve – Bactericidal, yeasticidal, all enveloped viruses, Noro-, Rota- and Adenoviruses, tuberculocidal. Protect – Bactericidal, yeasticidal, fully virucidal, mycobactericidal, sporidicidal.

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

Spectrum of efficacy and contact time

	PREVENT	PRESERVE	PROTECT
Application recommendation for hygienic hand disinfection	30 s	30 s	

Composition – 100 g solution contain

65 g Ethanol

Single Unit	Unit	Content	REF
pocket-size-bottle	20	150 ml	00-457OP-0015E
bottle	20	500 ml	00-457OP-005E
bottle	12	1 L	00-457OP-010E



PROTECT



VAH

IHO

HACCP

ASEPTOMAN® FORTE

Alcoholic hand disinfectant

- Virucidal including poliovirus according to EN14476 within 30 seconds
- Surgical hand disinfection in 1.5 minutes
- Patented combination of alcohol and agents for optimal skin care and protection
- Perfume-free, dye-free, QAC-free

ASEPTOMAN FORTE is a virucidal, ethanol-based hand disinfectant. ASEPTOMAN FORTE achieves a comprehensive spectrum of efficacy with excellent skin compatibility. Limited spectrum of virucidal efficacy and virucidal (according to EN 14476) within 30 seconds, has been proven to increase skin hydration and softens and smoothes the skin thanks to a proven skin care system.

PROTECT



VAH

IHO

ÖGHMP

ASEPTOMAN® GEL

Alcoholic hand disinfectant

- Bactericidal, tuberculocidal, yeasticidal, virucidal
- Practical to apply due to its gel form
- High quality ingredients and moisturizers
- Good skin compatibility with broad spectrum of efficacy
- Free from perfumes and dyes, as well as QAVs, mecetronium ethyl sulfate (MES) and phenols (OPP)

ASEPTOMAN GEL is dermatologically tested, virucidal, alcoholic hand sanitizer gel for use on skin. Its gel form makes it particularly practical to use. ASEPTOMAN GEL is **free of cumulative long-acting active ingredients**, perfumes, dyes, QACs, mecetronium ethyl sulfate (MES), and phenols (OPP), which can accumulate on the skin and lead to irritation. Furthermore, ASEPTOMAN GEL contains high-quality emollients and humectants that counteract skin dehydration. The product is compatible with all washing lotions.

Spectrum of efficacy and contact time

	PREVENT	PRESERVE	PROTECT
Application recommendation for hygienic hand disinfection	30 s	30 s	30 s
Application recommendation for surgical hand disinfection	1,5 min	1,5 min	1,5 min

Composition – 100 g solution contain

85 g Ethanol

Single Unit	Unit	Content	REF
pocket-size-bottle	20	150 ml	00-485OP-0015E
bottle	20	500 ml	00-485OP-005E
bottle	12	1 L	00-485OP-010E

¹ Compared to other virucidal hand disinfectants

Prevent – Bactericidal, yeasticidal, all enveloped viruses. **Preserve** – Bactericidal, yeasticidal, all enveloped viruses, Noro-, Rota- and Adenoviruses, tuberculocidal. **Protect** – Bactericidal, yeasticidal, fully virucidal, mycobactericidal, sporicidal.

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

Spectrum of efficacy and contact time

	PREVENT	PRESERVE	PROTECT
Application recommendation for hygienic hand disinfection	15 s	1 min	1,5 min
Application recommendation for surgical hand disinfection	2 min	2 min	2 min

Composition – 100 g solution contain

84,3 g Ethanol

Single Unit	Unit	Content	REF
pocket-size-bottle	20	150 ml	00-409-0015E
bottle	20	500 ml	00-409-005E
bottle	12	1 L	00-409-010E

Prevent – Bactericidal, yeasticidal, all enveloped viruses. **Preserve** – Bactericidal, yeasticidal, all enveloped viruses, Noro-, Rota- and Adenoviruses, tuberculocidal. **Protect** – Bactericidal, yeasticidal, fully virucidal, mycobactericidal, sporicidal.

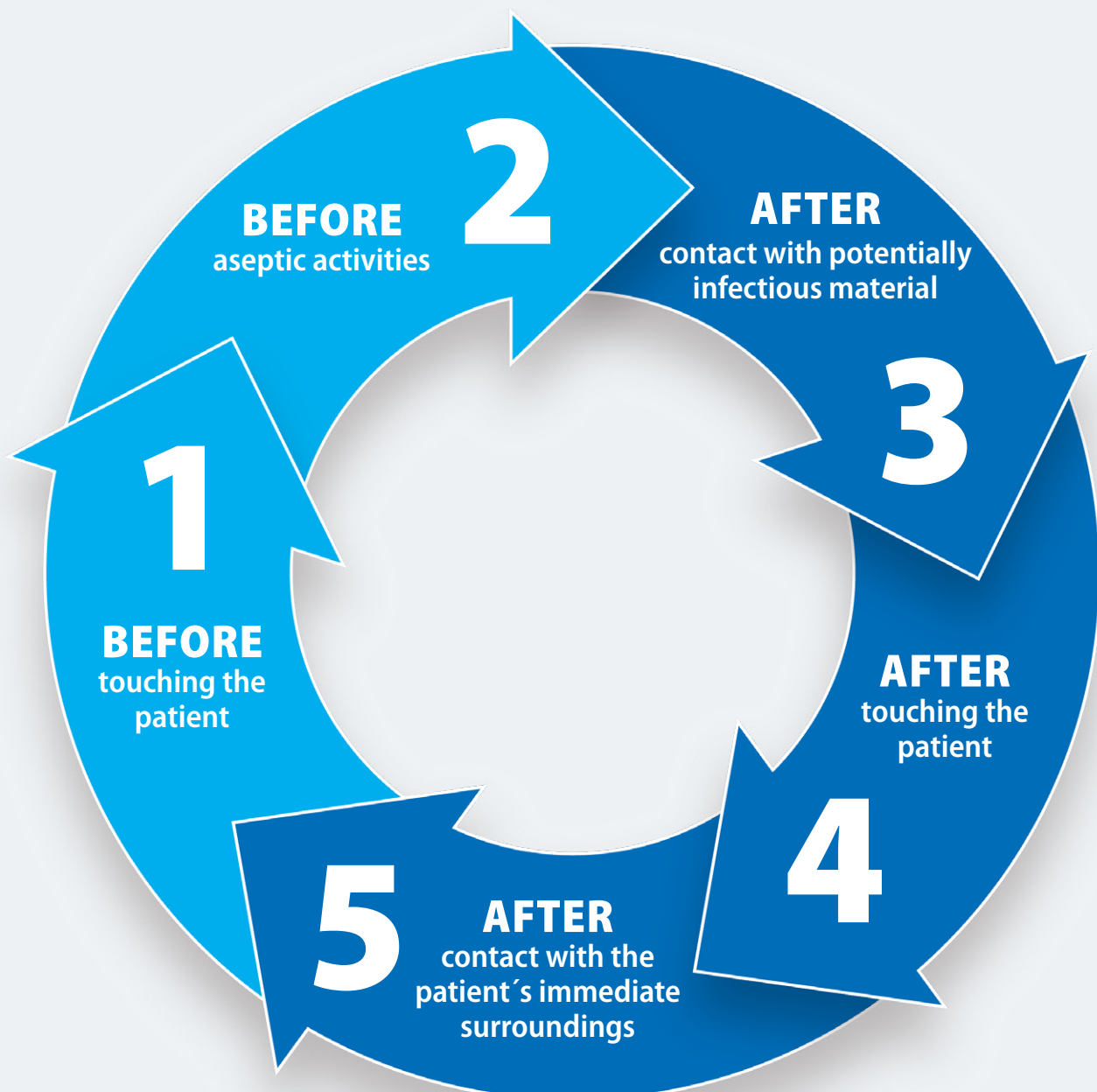
Use disinfectants safely. Always read the label and product information before use.

5 Moments of Hand Hygiene

The World Health Organization (WHO) introduced the “5 Moments of Hand Hygiene,” which remain the gold standard for hand hygiene protocols to this day. By identifying all potential moments of microbial transmission and condensing them into five key points, this framework offers a comprehensive yet practical approach. These defined moments clearly indicate when health-care professionals should perform hand disinfection.

Why are the 5 moments of hand hygiene important?

This guide was created with the knowledge that proper hand hygiene is the single most effective way to prevent the spread of infection, specifically, Healthcare-Associated Infections (HAIs). HAIs not only threaten patient and staff safety, but they can cost hospitals tens of thousands of dollars per case. Most HAIs are avoidable, but they still occur due to lack of hand hygiene compliance—leaving the respective hospitals to pay for the consequences. HAIs are so plentiful that the Centers for Medicaid and Medicare (CMS) created an HAC reduction program.





	Application Areas				Active Ingredients		Spectrum of Efficacy			Product Properties	
	Skin disinfection	Application recommendation for skin disinfection before injections and puncturing of skin with few sebaceous glands	Application recommendation for skin disinfection before puncture of joints, body cavities and hollow organs as well as surgical procedures	Recommended for skin disinfection on skin rich in sebaceous glands	2-Propanol	CHG	Effective against enveloped viruses	Bactericidal, yeasticidal	tuberculocidal	Perfume-free	Dye-free
ASEPTODERM®	•	•	•	•	•		•	•	•	•	•
ASEPTODERM® 2 % CHG	•	•	•	•	•	•	•	•	•	•	•
ASEPTODERM® 2 % CHG COLOURED	•	•	•	•	•	•	•	•	•	•	

Please refer to the product information sheet (PIF) for complete information on the spectrum of efficacy.

HAND AND SKIN

Skin Disinfection

Preventive reduction of harmful skin flora

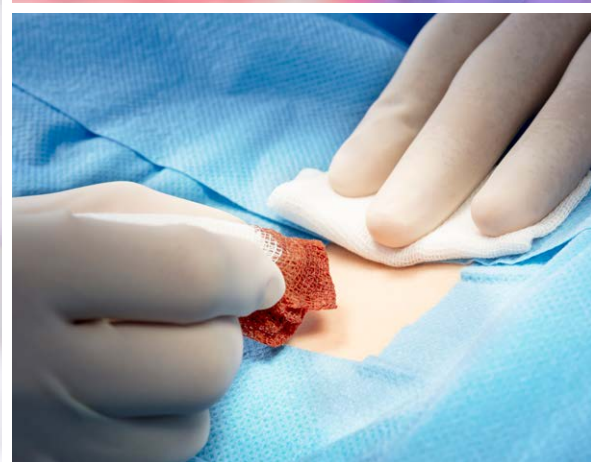
Dr. Schumacher's preparations for skin disinfection prevent the transmission of pathogens into deeper layers of tissue through punctures, injections and surgical interventions, achieving the greatest possible reduction in skin flora.

Available in both colored and non-colored formulations, Dr. Schumacher's skin disinfectants are tested according to EN as well as German VAH methods. They come ready to use and are suitable for all skin types.



Find out more about
our products here:

www.schumacher-online.com/en/hss



For spraying
or swabbing

PREVENT



VAH

ASEPTODERM® Alcoholic skin disinfectant

- Bactericidal, yeasticidal, tuberculocidal
- Active against enveloped viruses¹
- Exceptionally gentle to the skin
- Perfume-free

ASEPTODERM is a ready-to-use, alcoholic skin disinfectant for spraying or dabbing onto the skin. ASEPTODERM is free from residual active ingredients as well as perfumes, dyes, QACs, mecetronium ethyl sulfate (MES), and phenols (OPP).

PREVENT

For spraying
or swabbing



ASEPTODERM® 2 % CHG Alcoholic skin disinfectant

- Ready-to-use skin disinfection
- Based on 70 % alcohol and 2 % chlorhexidine
- Perfume-free

ASEPTODERM 2% CHG can be used for skin disinfection prior to injections, incisions, punctures, blood withdrawals, catheter insertions and minor surgical interventions. ASEPTODERM 2% CHG is aldehyde-, phenol- and QAC-free and gentle to the skin.

Spectrum of Efficacy and Contact Times

Skin Disinfection

active against all enveloped viruses	RKI / DVV ¹	15 s
skin disinfection	EN 12791	1.5 min

Additional EN Test Results

tuberculocidal (M. terrae)	EN 14348	30 s
bactericidal	EN 13727	15 s
yeasticidal (Candida albicans)	EN 13624	15 s

Composition – 100 g solution contain

63,14 g 2-Propanol

Perfume

Single Unit	Unit	Content	REF
spray bottle	20	250 ml	00-501OP-0025E
bottle	10	1 L	00-501OP-010E

Spectrum of Efficacy and Contact Times

Skin Disinfection

skin disinfection with 3-hour long-term effect	EN 12791	15 s	3 min
active against all enveloped viruses	EN 14476	15 s	

Additional EN Test Results

bactericidal	EN 13727	1 min
yeasticidal (Candida albicans)	EN 13624	1 min

Composition – 100 g solution contain

63,1 g 2-Propanol (70% Isopropanol v/v)

2,26 g Chlorhexidine Digluconate (CHG)

Single Unit	Unit	Content	REF
spray bottle	20	250 ml	00-520-0025E
bottle	10	1 L	00-520-010E

¹ incl. HBV/HIV/HCV

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

PREVENT



ASEPTODERM® 2 % CHG COLOURED

Colored alcoholic skin disinfectant

- Ready-to-use skin disinfectant with red dye for easy identification of disinfected skin
- Based on 70 % alcohol and 2 % chlorhexidine
- Perfume-free

ASEPTODERM 2% CHG COLOURED is a ready-to-use alcoholic skin disinfectant for spraying or swabbing of skin. It contains a red dye to mark the area which has been disinfected. ASEPTODERM 2% CHG COLOURED is aldehyde-, phenol- and QAC-free and gentle to the skin.

Spectrum of Efficacy and Contact Times

Skin Disinfection

skin disinfection with 3-hour long-term effect	EN 12791	15 s	3 min
active against all enveloped viruses	EN 14476	15 s	

Additional EN Test Results

bactericidal	EN 13727	1 min
yeastocidal (Candida albicans)	EN 13624	1 min

Composition – 100 g solution contain

63,1 g 2-Propanol (70% Isopropanol v/v)

2,26 g Chlorhexidine Digluconate (CHG)

Contains colorants (E 122 / Azorubine)

Single Unit	Unit	Content	REF
spray bottle	20	250 ml	00-520C-0025E
bottle	10	1 L	00-520C-010E

Prevent – Bactericidal, yeastocidal, all enveloped viruses. **Preserve** – Bactericidal, yeastocidal, all enveloped viruses, Noro-, Rota- and Adenoviruses, tuberculocidal. **Protect** – Bactericidal, yeastocidal, fully virucidal, mycobactericidal, sporicidal.

WHO Recommendation

The new WHO guidelines on prevention of surgical site infections recommend chlorhexidine-alcohol rather than aqueous povidone-iodine or povidone-iodine with alcohol for surgical skin preparation. WHO's recommendation now no longer supports use of povidoneiodine-alcohol for surgical site preparation.





	Contents						Product Properties								Product Properties				Listing
	Humectants	Lipid replenishers and/or botanical oils	Skin-regenerating care agents	Silicone-free	Dye-free	Perfume-free	Type of emulsion	pH skin neutral	Cream	Lotion	Suitable for dispensers	Cooling effect	Wipe size in cm	Hypoallergenic formulation ¹	Normal skin	Dry skin	Very dry skin	Sensitive skin	HACCP
DESCOLIND COMFORT WASH	•	•	•					•			•				•				
DESCOLIND COMFORT LIGHT CREAM	•	•	•	•	•		O/W	•		•	•				•				
DESCOLIND PURE WASH	•	•	•		•	•		•			•				•	•	•	•	•
DESCOLIND PURE LIGHT CREAM	•	•	•	•	•	•	O/W	•		•	•				•	•	•	•	•
DESCOLIND PURE INTENSIVE CREAM	•	•	•	•	•	•	W/O		•		•				•	•	•	•	•
DESCOLIND EXPERT WASH	•	•			•	•		•			•			•	•	•	•	•	
DESCOLIND EXPERT LIGHT CREAM	•	•	•	•	•	•	O/W	•		•				•	•	•	•	•	
DESCOLIND EXPERT INTENSIVE CREAM	•	•	•	•	•	•	W/O		•					•	•	•	•	•	•
DESCOLIND EXPERT PROTECT CREAM	•	•	•		•	•	O/W	•		•	•			•	•	•	•	•	•
DESCOMED ÖLBAD		•	•	•	•										•	•	•		
DESCO VITAL		•		•	•	•		•		•	•	•			•	•			
DESCOLIND CARE WIPES	•		•	•	•			•					20 X 30		•	•	•	•	
DESODERM CARE WIPES	•		•	•	•	•		•					18 X 20	•	•	•	•	•	
BABY WIPES SENSITIVE	•		•	•	•	•		•					18 X 20	•	•	•	•	•	

¹ Allergy risks minimized. Allergy risks can never be completely ruled out.

O/W = oil-in-water emulsion – W/O = water-in-oil emulsion

HAND AND SKIN

Cleansing, Care and Protection

Cleansing and care for every skin type

With its DESCOLIND series, Dr. Schumacher has set a new standard for hand cleansing, care and protection. With modern formulas, the DESCOLIND COMFORT, PURE and EXPERT series are especially tailored to the need of different skin types conditions. Users can easily and safely select the product series that suits them.

With changing skin conditions in the course of working life, users can switch seamlessly between the different series.



Find out more about
our products here:

www.schumacher-online.com/en/hsc



Normal skin



DESCOLIND COMFORT WASH

Scented cleansing lotion

- Washing lotion for normal, healthy skin
- Mild surfactants for gentle cleansing of hands and skin
- Suitable for full body patient washing as well as occasional hair washing
- With allantoin, rehydrating agents and glycerin for a pleasant skin feel
- pH skin neutral

DESCOLIND COMFORT WASH is a pH skin neutral washing lotion with a pleasant, fresh scent for the mild cleansing of normal, healthy skin. DESCOLIND COMFORT WASH contains allantoin, rehydrating agents and glycerin to prevent the drying of the skin from regular hand washing. The blue color makes it easy to check the fill level when used in dispensers.

Single Unit	Unit	Content	REF
bottle	20	500 ml	00-607-005-01
bottle	12	1 L	00-607-010-01

Normal skin



DESCOLIND COMFORT LIGHT CREAM

Scented nourishing cream

- Pleasantly scented oil-in-water emulsion for normal, healthy skin
- Absorbs quickly into the skin, reducing work interruption
- Light care cream, good for on the go
- Contains moisturizer and allantoin for a pleasant skin feeling
- pH skin neutral

DESCOLIND COMFORT LIGHT CREAM is an economical, pH skin neutral oil-in-water (O/W) emulsion for normal, healthy skin. DESCOLIND COMFORT LIGHT CREAM cares for hands following activities that stress skin, such as regular hand washing, long periods of wearing gloves, and tasks involving prolonged contact with moisture. As an O/W emulsion DESCOLIND COMFORT LIGHT CREAM leaves the skin noticeably cared for without any greasy residues. It absorbs quickly and preventing interference with routine work, making it ideal for medical staff. The light and nourishing formulation with rehydrating agents and moisturizing ingredients as well as allantoin ensures that skin feels soft and smooth. This easy-to-apply hand lotion is also suitable for full body care.

Single Unit	Unit	Content	REF
tube	12	100 ml	00-602-001-03
bottle	20	500 ml	00-602-005-03

Sensitive skin



HACCP

DESCOLIND PURE WASH

Perfume-free washing lotion

- Mild washing lotion for daily use
- Suitable for full body patient washing and occasional hair washing
- With allantoin, rehydrating agents and glycerin to prevent the skin from drying out
- Mild, pH-neutral cleanser with a pleasant skin feeling
- Perfume- and dye-free – suitable for use in the food sector (HACCP conform)

DESCOLIND PURE WASH is a pH skin neutral washing lotion for the regular cleansing of sensitive hands and skin. The rehydrating agents and glycerin prevent drying of the skin from frequent hand washing. The creamy, delicate DESCOLIND PURE WASH cleans thoroughly and is economical to use. In addition, DESCOLIND PURE WASH is free of perfumes as well as dyes and is therefore suitable for use on sensitive skin.

Sensitive skin



HACCP

DESCOLIND PURE LIGHT CREAM

Perfume-free care cream

- PH-neutral oil-in-water emulsion for normal and sensitive skin
- Absorbs particularly quickly into the skin without being greasy and reduces interruptions to work processes to a minimum
- Light care cream, also for on the go
- With moisturizer and allantoin for a pleasant skin feeling
- Perfume- and dye-free and applicable in the food sector (HACCP)

DESCOLIND PURE LIGHT CREAM is a perfume- and dye-free, highly concentrated oil-in-water (O/W) emulsion for sensitive skin. DESCOLIND PURE LIGHT CREAM cares for hands following activities that stress skin, such as regular hand washing, long periods of wearing gloves, and tasks involving prolonged contact with moisture. As an O/W emulsion, DESCOLIND PURE LIGHT CREAM leaves the skin noticeably cared for without any greasy residues. It absorbs quickly-preventing interference with routine work, making it ideal for medical staff. The light and nourishing formulation with rehydrating agents and moisturizing ingredients as well as allantoin ensures that skin feels soft and smooth. This easy-to-apply hand lotion is also suitable for full body care.



Single Unit	Unit	Content	REF
bottle	20	500 ml	00-631OP-005-01
bottle	12	1 L	00-631OP-010-01
canister	3	5 L	00-631OP-050-01

Single Unit	Unit	Content	REF
tube	12	100 ml	00-602DS-001
bottle	20	500 ml	00-602DS-005

Sensitive skin
Dry skin



HACCP

DESCOLIND PURE INTENSIVE CREAM

Perfume-free intensive care cream

- Intensive water-in-oil skin care with panthenol, sunflower and almond oil
- Absorbs quickly into the skin
- Contains glycerin as a humectant
- Extra care, especially after skin-stressing activities
- Perfume- and dye-free and therefore applicable in the food sector (HACCP)

DESCOLIND PURE INTENSIVE CREAM is a water-in-oil (W/O) intensive moisturizing cream that richly nourishes sensitive and dry skin with rehydrating agents as well as sunflower and almond oil. Despite its rich formulation, DESCOLIND PURE INTENSIVE CREAM absorbs quickly into the skin and is therefore ideal for hand care after activities that stress the skin, such as frequent hand washing, wearing gloves for long periods, and tasks involving prolonged contact with moisture.

Allergy-prone skin



DESCOLIND EXPERT WASH

Hypoallergenic¹ cleansing lotion

- Hypoallergenic¹ pH skin neutral wash lotion for allergy-prone skin
- Mild surfactants for gentle cleansing of hands and skin
- Also suitable for patient washing and occasional hair washing
- With nourishing glycerine and almond oil for a pleasant skin feel
- Perfume- and dye-free

DESCOLIND EXPERT WASH is a perfume- and dye-free washing lotion for gentle cleansing of allergy-prone hands and skin. This mild wash lotion is based on high-quality ingredients like glycerin and almond oil as well as skin-friendly cleansing surfactants. DESCOLIND EXPERT WASH counteracts the negative, drying effects of regular hand washing.

Single Unit	Unit	Content	REF
tube	12	100 ml	00-622IS-001
bottle	20	500 ml	00-622IS-005

Single Unit	Unit	Content	REF
bottle	20	500 ml	00-614-005-03
bottle	12	1 L	00-614-010-03

¹ Allergy risks minimized. Allergy risks can never be completely ruled out.

Allergy-prone skin



HACCP



DESCOLIND EXPERT LIGHT CREAM

Hypoallergenic¹ care cream

- pH-neutral oil-in-water emulsion for skin prone to allergies
- Absorbs quickly into the skin, reducing interruptions to work processes
- Light care cream, good for on the go
- Contains shea butter, almond oil and vitamin E for a pleasant skin feeling
- Perfume- and dye-free

DESCOLIND EXPERT LIGHT CREAM is a perfume- and dye-free oil-in-water (O/W) emulsion for care of sensitive and allergy-prone skin. The high-quality, nourishing ingredients ensure a smooth and supple skin feeling. DESCOLIND EXPERT LIGHT CREAM contains natural, conditioning substances such as almond oil and shea butter. DESCOLIND EXPERT LIGHT CREAM is particularly suited for use by atopic people and those with allergies.

Single Unit	Unit	Content	REF
tube	12	100 ml	00-620HC-001-01
bottle	20	500 ml	00-620HC-005-01

¹ Allergy risks minimized. Allergy risks can never be completely ruled out.

Skin care for happy, healthy hands

Damaged and stressed skin is a wide spread problem for medical and care professionals as well as for cleaning staff. In order to reduce the risk of skin irritation from regular washing and disinfection, regular use of good quality hand lotion is crucial.

Yet this important step is still underused by most staff. According to a Dutch study from 2018, 70 % of employees, don't apply lotion to their hands before work or during their shift. Providing staff with skin type-appropriate care creams, training courses and regular reminders can help alleviate skin related problems like redness and flaking.



Allergy-prone skin



HACCP



DESCOLIND EXPERT INTENSIVE CREAM

Hypoallergenic¹ intensively nourishing cream

- Water-in-oil emulsion for allergy-prone skin
- Absorbs quickly into the skin, leaving a smooth protective film that protects the skin from water-soluble substances
- Intensive care cream, good for on the go
- Contains vitamin E, glycerin and beeswax for a pleasant skin feel
- Perfume- and dye-free

DESCOLIND EXPERT INTENSIVE CREAM was developed to protect allergy-prone skin during everyday work and for intensive skincare. The water-in-oil (W/O) emulsion is easy to apply and absorbs quickly, leaving a soft, non-greasy protective film behind. DESCOLIND EXPERT INTENSIVE CREAM is suitable for daily use prior and after activities that stress the skin, such as frequent hand washing, wearing gloves for long periods, and tasks involving prolonged contact with moisture. In addition to its protective function, DESCOLIND EXPERT INTENSIVE CREAM nourishes the skin with conditioning and moisturizing ingredients as well as vitamin E. DESCOLIND EXPERT INTENSIVE CREAM contains 15 % lipids.

Single Unit	Unit	Content	REF
tube	12	100 ml	00-622OP-001-02

Allergy-prone skin



HACCP



DESCOLIND EXPERT PROTECT CREAM

2 in 1 skin protection and care cream

- Hypoallergenic¹ oil-in-water skincare and protection cream for allergy-prone skin
- Unique dual action formulation protects the skin against water-soluble substances while nourishing and moisturizing at the same time
- Protective effect confirmed by test methods (in accordance with TRGS 401/ABD)
- Perfume- and dye-free

DESCOLIND EXPERT PROTECT CREAM with 2 in 1 effect was specially developed to protect and care for sensitive and allergy-prone hands while you work. The oil-in-water (O/W) formulation is extremely easy to apply, absorbs quickly into the skin and minimizes work interruptions. DESCOLIND EXPERT PROTECT CREAM contains nourishing lipids and conditioning ingredients like witch hazel, which leave your skin feeling smooth and supple. It is suitable for daily use before activities that are hard on the hands and provides protection in wet environments, preventing cracked and chapped skin. The protective effect of DESCOLIND EXPERT PROTECT CREAM against water-soluble substances (surfactants and alkalines) has been verified using recognized testing methods. DESCOLIND EXPERT PROTECT CREAM is also perfume-free, meeting requirements for use in the food industry (HACCP). It is also suitable for use in wall dispensers.

Single Unit	Unit	Content	REF
tube	12	100 ml	00-623-001-01
bottle	20	500 ml	00-623-005-01

¹ Allergy risks minimized. Allergy risks can never be completely ruled out.

Intensive care for
noticeably smooth skin



DESCOMED ÖLBAD

Medical oil bath

- High-quality bath additive with valuable skin care oils for intensive care of dry and flaky skin
- With aloe vera, jojoba oil, rapeseed oil, panthenol, and vitamin E for a pleasant skin feeling
- Dermatologically tested
- Particularly rich

DESCOMED ÖLBAD is a high-quality bath additive with valuable nourishing oils such as rapeseed and jojoba oil, which leave a pleasant, nourishing film on the skin. DESCOMED ÖLBAD is an ideal bath additive for patients with dry, irritated, and flaky skin, especially elderly patients, as well as for dry eczema. Also suitable for use in the shower.

Intensive care for
noticeably smooth skin



DESCO VITAL

Vitalising gel for application on skin

- Pleasant cooling, relaxing, and invigorating effect
- With plant oils from spruce needles, eucalyptus, juniper, and thyme
- Particularly relaxing and energizing after physical activity
- Suitable for all areas where a pleasantly relaxing and revitalizing effect is desired

DESCO VITAL is a hydro gel with essential oils from pine needles, eucalyptus, juniper berries and thyme to revitalize the skin. DESCO VITAL provides an active cooling, relaxing, and invigorating effect after strenuous physical activity. It is ideal for use during sports and massages as well as in elderly care facilities and other areas where a relaxing and revitalizing effect is desired. DESCO VITAL has a pleasant, fresh scent and has moisturizing properties for a soft skin feel.



Single Unit	Unit	Content	REF
bottle	6	500 ml	00-609-005-01

Single Unit	Unit	Content	REF
tube	12	100 ml	00-605-001
bottle	20	500 ml	00-605-005

100% recyclable
packaging


DESCOLIND CARE WIPES

Nourishing cleansing wipes
for gentle patient washing

- With panthenol and allantoin for gentle patient washing
- Practical and quick to apply
- Microwaveable
- Suitable for washing the entire body without rinsing with water
- Also suitable for stoma care and cleaning the stoma area

DESCOLIND CARE WIPES are ready-to-use wipes for cleansing and care of the skin. They provide a time saving and thorough cleaning of immobile patients. The 10 wipes package is designed for full body washing – no rinsing required! Due to very mild, plant-based surfactants and care ingredients like allantoin and panthenol, DESCOLIND CARE WIPES provide gentle washing with nourishing skin care and a pleasant scent. The large washcloths are made of durable, soft non-woven material and may be warmed prior to use for patient comfort.

Single Unit	Unit	Content	Size	REF
package	24	10 wipes	20 x 30 cm	00-604DW1-To10-01

100% recyclable
packaging


DESODERM CARE WIPES

Cleansing wipes
for sensitive skin

- Cleansing and caring
- Extra soft wipe material
- Alcohol- and perfume-free
- Approved by the German Allergy and Asthma Association e.V. (DAAB)

DESODERM CARE WIPES gently cleanse sensitive skin and are therefore suitable for daily use. A mild, plant-based surfactant and nourishing ingredients such as aloe vera, allantoin and glycerin allow DESODERM CARE WIPES to both cleanse and soothe the skin. The non-woven wipes are very soft and comfortable on the skin, allowing for gentle cleansing.

Single Unit	Unit	Content	Size	REF
package	12	80 wipes	18 x 20 cm	00-639NK-To80

100% recyclable
packaging



BABY WIPES SENSITIVE

Cleansing wipes for mild
babycare

- With aloe vera and allantoin
- Alcohol- and perfume-free
- Hypoallergenic¹ formulation for sensitive skin
- composition with skin-friendly pH-value

CARE ZONE BABY WIPES SENSITIVE are suited for gentle cleansing and care of the particularly sensitive baby skin. The soaking solution of CARE ZONE BABY WIPES SENSITIVE contains a mild cleansing surfactant based on herbal and skin-soothing ingredients like aloe vera and allantoin. The formulation is ÖKO-TEST (German ecological testing) compliant, perfume-free and approved by the German Allergy and Asthma Association e. V. (DAAB). The wipes are very soft and allow for gentle cleansing. The practical packaging design with a resealable lid and patented folding technology, allows for easy removal of individual wipes.

Single Unit	Unit	Content	Size	REF
package	12	80 wipes	18 x 20 cm	01-639NK-To80

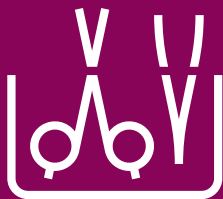
¹ Allergy risks minimized. Allergy risks can never be completely ruled out.



Truly
better
recyclability

Recycling and reusing materials is a critical part of environmental protection. It seems simple, but in our industry, it's not always easy to implement. Existing regulations and quality standards for our products are high. At Dr. Schumacher, we still manage to meet these requirements while increasingly switching our wipes packaging to **mono-composite films**. Mono-composite films consist of only one material, making them recyclable. We have already switched 60 % of our films to mono-composite materials and plan to **increase the proportion of recyclable films to 80 % in the near future.**





	Application												Area of use		Active Ingredient				Special Characteristics			Spectrum of Efficacy ³					Form	
	Surgical instruments	Rigid endoscopes	Flexible endoscopes	Ultrasound probes	TEE probes	Dental drills and instruments	Suction systems	Ultrasonic bath	Cleaning	Disinfection	Final virucidal disinfection ¹	QAC	Alkylamines	Aldehyde	Enzymes	Peracetic acid	Low odor	Material friendly	Corrosion protection	pH neutral	Fungicidal	Tuberculocidal	Sporicidal	Active against enveloped viruses	Virucidal	Concentrate	Ready-to-use	
PLURAZYME® EXTRA ²	•	•	•					•	•						•		•	•		•							•	
MANUSHIELD® CLEANER ²	•	•	•					•	•								•	•	•	•							•	
ORANGE SOLVENT ²	•								•																		•	
PERFEKTAN® ENZYME	•	•	•					•	•	•		•			•		•	•		•				•		•		
PERFEKTAN® NEU	•	•	•					•	•	•			•				•	•	•			•		•		•		
PERFEKTAN® TB	•	•						•	•	•		•					•	•	•					•		•		
PERFEKTAN® ENDO	•	•	•					•	•	•		•					•	•	•					•		•		
DESCOTON EXTRA ¹	•	•	•							•	•			•				•	•		•	•		•	•	•		
PERFEKTAN® ACTIVE ¹	•	•	•		•					•	•					•	•	•	•		•	•	•	•	•	•		

¹ Fully virucidal disinfectants for final instrument disinfection – without subsequent thermal sterilization

² Cleaners without disinfecting properties are not included in the Dr. Schumacher hygiene levels.

³ Always includes bactericidal and yeasticidal (*C. albicans*) efficacies.

INSTRUMENTS

Manual Reprocessing

Powerful and user-friendly

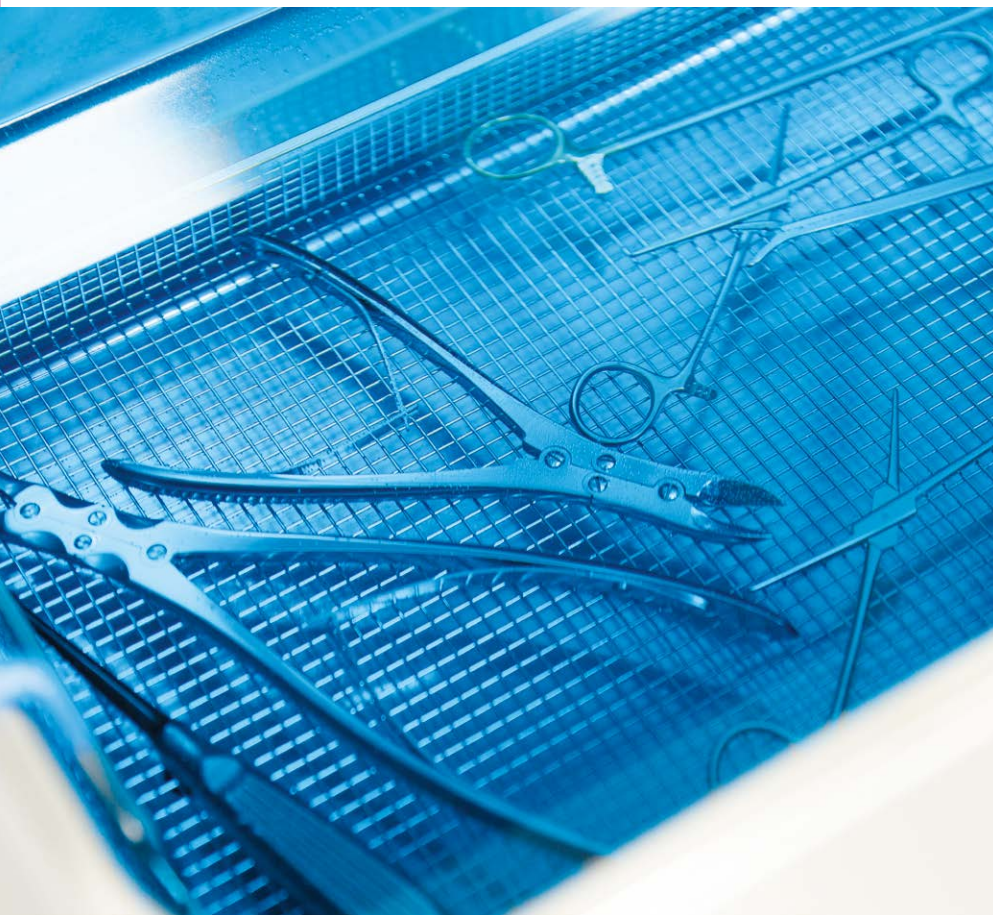
Manual cleaning and disinfection of medical instruments requires rapid disinfection with a broad spectrum of efficacy and powerful cleaning performance. The products from Dr. Schumacher are user-friendly and offer good material compatibility. Additionally, we give great importance to environmental safety and compatibility during product development.

Dr. Schumachers instrument cleaners and disinfectants remove contaminants of all kinds safely, effectively and without protein fixation. Our new disinfectant cleaner, PERFEKTAN ENZYME uses a unique blend of 4 enzymes and surfactants to offer effective pre-cleaning of instruments with a pleasant scent.



Find out more about
our products here:

www.schumacher-online.com/en/imr



May be used in combination
with dry wipe systems!



PLURAZYME® EXTRA

Multi-enzymatic cleaner for reprocessing surgical instruments and endoscopes

- Active cleaning & pleasant scent make reprocessing easier
- Value preservation of the instruments through neutral pH and coordinated cleaning complex
- Very good non-fixing cleaning¹ – suitable for pre-cleaning

PLURAZYME EXTRA is a cleaning concentrate well-suited for the manual reprocessing of a variety of medical devices. Its extensive material compatibility makes it suitable for cleaning surgical instruments as well as both rigid and flexible endoscopes. The pleasant scent and high cleaning power ensure comfortable use, whether in an immersion or ultrasound bath. The active formula of 3 enzymes and non-ionic surfactants penetrates and dissolves a wide range of organic contaminants – from coagulated blood to mucus to fat – without fixing. Compatibility with other cleaners and disinfectants ensures that PLURAZYME EXTRA can be easily and flexibly integrated into your processes.

Application and dosage recommendation for cleaning

Depending on the degree of pollution	0,4 – 2 % (4 ml/L – 20 ml/L) max. 40 °C mind. 5 min
Recommendation for ultrasonic baths	0,25 % (2,5 ml/L) max. 40 °C mind. 5 min

Composition – 100 g solution contain

5 – 15 % non-ionic surfactants

Enzymes

Preservative

Perfume

Single Unit	Unit	Content	REF
dispenser bottle	10	1 L	00-138-010-01
bottle	12	1 L	00-138-010E
canister	3	5 L	00-138-050-02

¹ internal test results



MANUSHIELD® CLEANER

Liquid detergent cleaner for instruments and endoscopes

- pH 8.0 and gentle to materials
- Good cleaning strength and easy to integrate
- Perfume-free

MANUSHIELD CLEANER is a concentrate for the thorough cleaning of flexible and rigid endoscopes as well as surgical and dental/medical instruments. Its mild, material-friendly formulation makes MANUSHIELD CLEANER well suited for cleaning flexible endoscopes. The surfactant-based, perfume-free formulation can be dosed economically and may be used in ultrasonic baths. It is also compatible with the following Dr. Schumacher disinfectants, making it easy to integrate MANUSHIELD CLEANER into reprocessing procedures: PERFECTAN ENZYME, PERFECTAN NEU, PERFECTAN ENDO, PERFECTAN TB, PERFECTAN ACTIVE and DESCOTON EXTRA.

Application and dosage recommendation for cleaning

Cleaning of endoscopes as well as medical and surgical instruments	0,5 % (5 ml/L) Depending on the degree of pollution: 0,25 % (2,5 ml/L) – 5 % (50 ml/L) with an exposure time of 5 minutes
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Composition – 100 g solution contain

5 – 15 % non-ionic surfactants

Preservative

Single Unit	Unit	Content	REF
bottle	6	2 L	00-104-020-02E
canister	3	5 L	00-104-050-01E

With the power
of orange oil



ORANGE SOLVENT

Special cleaner for surface cleaning
of medical devices

- With natural orange oil
- With extra cleaning power
- Effortlessly removes sticky residues and markings

ORANGE SOLVENT is a ready-to-use cleaning solution for the easy removal of stubborn residues from medical instruments and equipment. It is also suitable for removing adhesive residues, such as labels, permanent markers, and streaks on floors. Economical to use – a little goes along way!



Recommended application

Apply ORANGE SOLVENT to a towel or disposable cloth
and rub onto the areas to be treated.

Single Unit	Unit	Content	REF
bottle	9	250 ml	00-805-0025
bottle	6	500 ml	00-805-005

Manual disinfection of flexible endoscopes

Endoscope disinfection is more complicated than other instrument disinfection due to the many small services where contaminants may hide. Because visual inspection of all surfaces isn't possible, proper reprocessing procedures are critical for patient safety. Usually, the process is regulated by local guidelines and subject to validation requirements.

Generally, manual reprocessing of endoscopes has an increased potential for errors and an automated reprocessing is preferred whenever possible.

The following recommendations should be considered for manual disinfection:

- Required spectrum of efficacy (at least bactericidal, fungicidal, mycobactericidal and virucidal efficacy)
- Concentration and exposure time specified by the manufacturer
- Personnel protection (PPE, avoidance of odor [ventilation, closed reprocessing tubs])
- Renewal of disinfectant solution (in case of contamination; at least every working day)
- Dosing accuracy by using dosing devices and aids

You can find detailed information for proper reprocessing of endoscopes on our website.

www.schumacher-online.com



PERFEKTAN® ENZYME

Multi-Enzymatic Disinfecting Cleaner

VAH

IHO

Instrument cleaning and disinfection for invasive medical devices¹

- High level of material compatibility due to neutral pH
- For non-fixing, enzymatic pre-cleaning
- Disinfection with pleasant scent



Short exposure time of 5 minutes

PERFEKTAN ENZYME is an intelligent disinfecting cleaner for the manual reprocessing of thermostable and thermolabile medical devices, such as surgical instruments and flexible endoscopes. Its powerful multi-enzyme complex of four enzymes and selected surfactants delivers excellent cleaning results. The addition of QACs adds a disinfecting effect, without aldehydes or amines, and is therefore fully compatible with THERMOSHIELD FLEX and THERMOSHIELD DESINFECTANT. The neutral pH value ensures good material compatibility and preserves the value of the medical devices. PERFEKTAN ENZYME is also suitable for use in ultrasonic baths and with Dr. Schumacher non-woven wipe dispenser systems.

Spectrum of efficacy and contact time

	PREVENT	PRESERVE	PROTECT
Application recommendation for disinfecting cleaning of flexible endoscopes and for disinfection of surgical instruments	3 % – 5 min 1 % – 15 min		

Composition – 100 g solution contain

17,5 g N,N-didecyl-N-methyl-poly(oxyethyl)ammoniumpropionate
 0,5 g N,N-Didecyl-N,N-dimethylammoniumcarbonate
 5 - 15 % Non-ionic surfactants
 Perfume
 Enzymes: Protease, Amylase, Lipase, Cellulase

Single Unit	Unit	Content	REF
dispenser bottle	12	1 L	00-128-010E
bottle	6	2 L	00-128-020E
canister	3	5 L	00-128-050E

¹ Not suitable for final disinfection of invasive medical devices.

Prevent – Bactericidal, yeasticidal, all enveloped viruses. **Preserve** – Bactericidal, yeasticidal, all enveloped viruses, Noro-, Rota- and Adenoviruses, tuberculocidal. **Protect** – Bactericidal, yeasticidal, fully virucidal, mycobactericidal, sporicidal.

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

PREVENT

VAH

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PERFEKTAN® NEU

Instrument cleaning and disinfection for invasive medical devices¹

- Effective against TB
- Good cleaning properties
- Economical concentrate with a pleasant scent

PERFEKTAN NEU is a liquid concentrate with powerful cleaning properties based on alkylamines. The aldehyde- and phenol-free formulation offers high material compatibility as well as user-friendly instrument reprocessing and inhibits protein fixation during cleaning. User safety is ensured due to the disinfecting properties of PERFEKTAN NEU. PERFEKTAN NEU is suitable for non-fixating cleaning of flexible endoscopes and for use in ultrasonic baths.

Spectrum of efficacy and contact time

	PREVENT	PRESERVE	PROTECT
Application recommendation for use for disinfecting cleaning of flexible endoscopes and surgical instruments	2 % - 30 min		
Application recommendation for use for tuberculocidal disinfection of medical devices	2 % - 60 min		

Composition – 100 g solution contain

3,6 g N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine

Disinfectant

Perfume

Single Unit	Unit	Content	REF
dosage bottle	10	1 L	00-136-010E
canister	3	5 L	00-136-050E

¹ Not suitable for final disinfection of invasive medical devices.

Prevent – Bactericidal, yeasticidal, all enveloped viruses. **Preserve** – Bactericidal, yeasticidal, all enveloped viruses, Noro-, Rota- and Adenoviruses, tuberculocidal. **Protect** – Bactericidal, yeasticidal, fully virucidal, mycobactericidal, sporidicidal.

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

PREVENT

VAH

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PERFEKTAN® TB

Instrument cleaning and disinfection for invasive medical devices¹

- Aldehyde-free preparation with good cleaning power
- Gentle on materials
- Pleasant scent

PERFEKTAN TB is an economical, material-friendly, cleaning instrument disinfectant for routine clinical use. Its antimicrobial efficacy assures protections of users and other personnel during instrument reprocessing. PERFEKTAN TB is characterized by a pleasant scent due to its aldehyde-free formulation and is suitable for use on medical instruments.

Spectrum of efficacy and contact time

	PREVENT	PRESERVE	PROTECT
Application recommendation for disinfecting cleaning or disinfection of surgical instruments	3 % - 15 min 2 % - 30 min 1 % - 60 min		

Composition – 100 g solution contain

3,75 g Cocosporylendiamine-1,5-bis-guanidinium-diacetate

5,6 g N, N-didecyl-N-methyl-poly(oxyethyl)ammonium propionate

Disinfectant

Perfume

Single Unit	Unit	Content	REF
dosage bottle	10	1 L	00-122-010E
bottle	6	2 L	00-122-020E
canister	3	5 L	00-122-050E



PREVENT

VAH

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PERFEKTAN® ENDO

Instrument cleaning and disinfection for invasive medical devices¹

- Compatible with materials used in flexible endoscope
- Aldehyde-free, phenol-free concentrate
- Good cleaning power

PERFEKTAN ENDO is a material-friendly, active-cleaning instrument disinfectant. PERFECTAN ENDO is an aldehyde- and phenol-free disinfectant cleaner with good cleaning properties. It is suitable for disinfecting, non-fixating pre-cleaning of instruments and endoscopes.

PROTECT

For final disinfection
for medical devices



VAH

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DESCOTON EXTRA

Instrument disinfection for invasive medical devices

- Virucidal according to EN norm²
- Formaldehyde-free concentrate
- Suitable for flexible endoscopes

DESCOTON EXTRA is a fast acting, virucidal², liquid concentrate for disinfecting endoscopes and surgical instruments. The formaldehyde-free formulation offers economical working concentrations, broad efficacies³, including virucidal and tuberculocidal efficacy, and good material compatibility⁴. DESCOTON EXTRA is ideal for the virucidal final disinfection of both flexible and rigid endoscopes, as well as other medical instruments.

Spectrum of efficacy and contact time**PREVENT PRESERVE PROTECT**

Application recommendation
for disinfecting cleaning of
flexible endoscopes and
surgical instruments

3 % - 15 min
2 % - 30 min
1 % - 60 min

Composition – 100 g solution contain

3,75 g Cocospropylendiamine-1,5-bis-guanidinium-diacetate
5,6 g N, N-didecyl-N-methyl-poly(oxyethyl)ammonium propionate
Disinfectant
Perfume

Single Unit	Unit	Content	REF
dosage bottle	10	1 L	00-121-010E
bottle	6	2 L	00-121-020E
canister	3	5 L	00-121-050E

¹ Not suitable for final disinfection of invasive medical devices.

² acc.to EN 14476, EN 17111

³ bactericidal, yeasticidal, fungicidal, mycobactericidal (M. avium, M. terrae), virucidal and tuberculocidal

⁴ against common materials of medical devices, e.g. stainless steel, PA (polyamide)

Spectrum of efficacy and contact time**PREVENT PRESERVE PROTECT**

Recommendation for use for
bactericidal, yeasticidal, fungicidal,
tuberculocidal, mycobactericidal
(M. avium, M. terrae), virucidal
final disinfection

4 % - 60 min

Composition – 100 g solution contain

12 g Glutaraldehyde

Single Unit	Unit	Content	REF
dosage bottle	10	1 L	00-150-010E
canister	3	5 L	00-150-050E

Prevent – Bactericidal, yeasticidal, all enveloped viruses. **Preserve** – Bactericidal, yeasticidal, all enveloped viruses, Noro-, Rota- and Adenoviruses, tuberculocidal. **Protect** – Bactericidal, yeasticidal, fully virucidal, mycobactericidal, sporicidal.

For final disinfection
for medical devices

PROTECT



VAH

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ÖGHMP

PERFEKTAN® ACTIVE

Instrument disinfection for
invasive medical devices

- Very good material compatibility¹
- Rapid disinfection due to oxidative formulation
- Completely soluble powdered concentrate

PERFEKTAN ACTIVE is a highly effective¹ powder concentrate for manual disinfection of medical instruments and rigid as well as flexible endoscopes. The powder dissolves quickly and completely in water, for a reliable and safe application. The mildly alkaline, peracetic acid based solution offers a maximum spectrum of efficacy² with very good material compatibility², even with sensitive materials like silicone. PERFEKTAN ACTIVE's oxidative action system provides efficient disinfection through peracetic acid, which completely breaks down into water, acetic acid and oxygen.

Spectrum of efficacy and contact time

PREVENT PRESERVE PROTECT

Application recommendation for
final disinfection for semi-critical
medical devices including rigid and
flexible endoscopes

2 % - 60 min
3 % - 30 min

Composition

Active ingredients: Peracetic acid (in-situ) > 850 ppm (1 % dilution), hydrogen peroxide

Single Unit	Unit	Content	REF
sachet	100	40 g	00-155-0004
bucket (incl. measuring spoon)	6	1 kg	00-155-010

¹ Tested for common metals, elastomers and thermoplastics in medical devices.

² bactericidal, yeasticidal, fungicidal, tuberculocidal (*M. terrae*), sporicidal (*C. difficile*), virucidal, mycobactericidal (*M. terrae*, *M. avium*)

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



Advantages of PERFEKTAN ACTIVE

Sporicidal according to

EN 17126

effective against both

**C. difficile and
B. subtilis**

improved patient
protection from

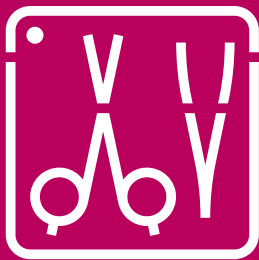
spores

fast virucidal and
**sporicidal
efficacy**

comprehensively
tested according

**to international
standards.**





	THERMOSHIELD®																					
	Application		Wash ware							Area of use			pH(-value)			Active Ingredient						
	Surgical instruments	Flexible endoscopes	Rigid endoscopes	Glassware	MIC instruments	Ophthalmological instruments	OR shoes	Dental handpieces & contra angles	Bedpans	Cleaning	Neutralization	Rinse aid	Disinfection	Acidic	Neutral	Mildly alkaline	Alkaline	Glutaraldehyde	Enzymes	Surfactants	Citric acid	Phosphoric acid
THERMOSHIELD® FLEX	•	•	•							•						•			•	•		
THERMOSHIELD® DESINFECTANT		•											•	•				•				
THERMOSHIELD® XTREME	•		•		•	•	•	•		•						•			•	•		
THERMOSHIELD® BASIX	•			•		•			•	•							•					
THERMOSHIELD® C	•		•		•	•	•	•			•			•							•	
THERMOSHIELD® P	•			•							•			•								•
THERMOSHIELD® SHINE	•		•		•		•	•				•		•						•		
THERMO CLEAR									•			•		•							•	

INSTRUMENTS

Automated Reprocessing

Fast, powerful, and economical

The demands on the automated reprocessing of reusable medical devices are as high as the daily time pressure in hospitals and medical practices. Powerful, fast, and at the same time gentle cleaning of the most valuable instruments is essential to keep on schedule.

With the THERMOSHIELD range, Dr. Schumacher offers solutions for all steps of the reprocessing process: from cleaners and disinfectants to neutralizers, rinse aids, and care products. These products' ease of use saves time, minimizes process risks, and ensures efficient workflows – even with high turnover. Your advantage: fast instrument availability, high process reliability, and economical cleaning results – thanks to coordinated system solutions from a single source.



Find out more about
our products here:

www.schumacher-online.com/en/iar





VAH

IHO

THERMOSHIELD® FLEX

Enzymatic cleaner for chemothermal reprocessing of endoscopes

- Modern cleaner for flexible endoscopes
- Gentle cleaning action removes organic soiling by means of enzymes and selected surfactants
- Very good compatibility, especially with sensitive materials²

THERMOSHIELD FLEX is a mildly alkaline yet powerful cleaning agent, specially formulated for the automated reprocessing of flexible endoscopes and other thermolabile medical devices, such as anesthesia accessories. The synergistic power of enzymes and surfactants removes any organic load, even in narrow lumens, and successfully prevents reattachment. This excellent cleaning performance is verified in accordance with EN 15883-5 and works just as effectively at low temperatures. The mildly alkaline pH and gentle cleaning complex provide excellent long-term protection for medical devices. THERMOSHIELD FLEX is suitable for use in combination with the machine disinfectant THERMOSHIELD DESINFECTANT as well as the manual cleaners PERFECTAN ENZYME and PLURAZYME EXTRA. The result is stable and energy-efficient reprocessing that enhances patient safety while reducing costs.

Application and dosage recommendation for cleaning

Reprocessing of flexible endoscopes and thermolabile medical devices ³ : depending on soiling	3 – 5 ml/L (0,3 – 0,5 %)
Surgical instruments and additional medical instruments ³	3 – 10 ml/L (0,3 – 1 %)

Composition – 100 g solution contain

< 5 % non-ionic surfactants
enzymes

Single Unit	Unit	Content	REF
flat canister	3	5 L	00-183-050

THERMOSHIELD® DESINFECTANT

Disinfectant for the chemothermal reprocessing of endoscopes

- User friendly due to low aldehyde content¹
- Virtually odor free
- High material compatibility with flexible endoscopes²

THERMOSHIELD DESINFECTANT is a material- and user-friendly preparation for chemothermal disinfection of flexible endoscopes at 55 - 60 °C. In combination with the enzymatic cleaner THERMOSHIELD FLEX, it offers an intelligent solution for gentle cleaning and disinfection in fully automated endoscope washer-disinfectors. THERMOSHIELD DESINFECTANT is particularly material friendly due to its glutaraldehyde-based composition. Thanks to its low glutaraldehyde content, THERMOSHIELD DESINFECTANT is virtually odor-free, making it more pleasant to use than other comparable products on the market. The preceding manual cleaning of endoscopes can be performed with MANUSHIELD CLEANER or PLURAZYME EXTRA.

Spectrum of efficacy and contact time

PREVENT PRESERVE PROTECT

Application recommendation for thermochemical disinfection of flexible endoscopes and all kinds of surgical instruments (55 °C)³ 1 % – 5 min

Composition – 100 g solution contain

10 g Glutaral

Single Unit	Unit	Content	REF
flat canister	3	5 L	00-134-050E

¹ compared to competitor products

² Tested for common metals, elastomers (e.g. ethylene propylene diene monomer (EPDM)) and thermoplastics in medical devices.

³ Always follow the application instructions of the machine manufacturer.

Prevent – Bactericidal, yeasticidal, all enveloped viruses. **Preserve** – Bactericidal, yeasticidal, all enveloped viruses, Noro-, Rota- and Adenoviruses, tuberculocidal. **Protect** – Bactericidal, yeasticidal, fully virucidal, mycobactericidal, sporicidal.

Powerful Endoscope Reprocessing



High-performing down to the last detail

The nature and complexity of surgical instruments as well as rigid and flexible endoscopes require a high degree of care in reprocessing. The focus here is on protecting users and patients as well as protecting the sensitive materials used in these specialized instruments. **THERMOSHIELD FLEX** is ideally matched to the machine disinfectant **THERMOSHIELD DISINFECTANT** and to the manual cleaners **PERFEKTAN ENZYME** and **PLURAZYME EXTRA**, which were developed for the pre-cleaning of flexible endoscopes and thermolabile medical devices.

Optimal combination

Together, the selected surfactants and enzymes found in **THERMOSHIELD FLEX** form an optimal combination for gentle cleaning of sensitive endoscopes and surgical instruments. The mildly alkaline formulation, which is specifically tailored to materials found in endoscopes, fulfills the hygiene standards and requirements of central sterilization.

Use **THERMOSHIELD FLEX** in combination with:

THERMOSHIELD DISINFECTANT // PERFEKTAN ENZYME // PLURAZYME EXTRA

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





THERMOSHIELD® XTREME

Mildly alkaline enzymatic cleaning agent for automated reprocessing

- High cleaning capacity
- Intelligent combination of surfactants
- Visible shine and preservation of value of instruments

THERMOSHIELD XTREME is an enzymatic, mild alkaline cleaner for automatic reprocessing of medical and surgical instruments in washer disinfectors. A special complementary combination of surfactants with a highly active enzyme complex ensures optimal cleaning. The synergistic mechanism of action of the ingredients efficiently removes organic contamination such as proteins, blood, residual tissue and fatty residues. THERMOSHIELD XTREME can be used without additional neutralizers or rinse aids when demineralized water is used. At the same time, THERMOSHIELD XTREME is gentle on materials². Even sensitive materials, such as anodized aluminum, may be reprocessed with THERMOSHIELD XTREME. The recommended working concentrations correspond to a pH of more than 10. Even in the case of particularly stubborn organic soiling (such as on bone punches), impeccable results can be achieved with THERMOSHIELD XTREME through manual pre-cleaning in an ultrasonic bath combined with automated reprocessing.

Application and dosage recommendation for cleaning

Depending on the degree of contamination and area of use¹

3 – 10 ml/L
exposure time 10 min at 55 °C

Composition – 100 g solution contain

< 5 % ionic surfactants

5 – 15 % non-ionic surfactants

enzymes

Single Unit	Unit	Content	REF
flat canister	3	5 L	00-170-050E
canister	1	10 L	00-170-100E

¹ Always follow the application instructions of the machine manufacturer.

² Compared to common medical device materials, such as stainless steel.



THERMOSHIELD® BASIX

Alkaline, surfactant-free liquid cleaner for automated reprocessing

- Protects instruments and machines with corrosion inhibitors
- Surfactant-free, low-foaming formulation
- pH > 10 at the working concentration

THERMOSHIELD BASIX is a highly alkaline, surfactant-free cleaner for automated reprocessing of surgical instruments, laboratory equipment and bedpans in washer disinfectors. The good cleaning performance in relation to blood and other protein-containing contaminants is due to the high alkalinity of THERMOSHIELD BASIX. Because of its good material compatibility² and corrosion inhibitors, both instruments and machines are protected. The recommended working concentrations correspond to a pH value of more than 10.

Application and dosage recommendation for cleaning

Depending on soiling and area of application¹

2 – 8 ml/L (0,2 – 0,8 %)

Composition – 100 g solution contain

< 5 % phosphonates

Single Unit	Unit	Content	REF
flat canister	3	5 L	00-173-050E
canister	1	10 L	00-173-100E

¹ Always follow the application instructions of the machine manufacturer.

² Tested for common metals, elastomers and thermoplastics in medical devices.



THERMOSHIELD® C

Neutralizer for automated reprocessing

- Based on citric acid
- Efficient neutralisation
- Gentle reprocessing of sensitive instruments

THERMOSHIELD C is a liquid concentrate based on citric acid for use as a neutralizing agent in the automated reprocessing of medical instruments following the use of an alkaline product such as THERMOSHIELD BASIX or THERMOSHIELD XTREME for cleaning. The acidic pH value of THERMOSHIELD C keeps both instruments and the machine free of inorganic deposits, especially lime residues. By using THERMOSHIELD C in neutralization, it is possible to protect especially sensitive materials, e.g. anodized aluminum, and prevent remnant alkali from the cleaning step.



Removes age-related discoloration

THERMOSHIELD® P

Neutralizer for automated reprocessing

- Based on phosphoric acid
- Preservation of value of the instruments using basic cleaning
- Prevents inorganic residues

THERMOSHIELD P is a liquid concentrate neutralizer based on phosphoric acid for the use in automated reprocessing of medical instruments. After use of alkaline cleaners like THERMOSHIELD BASIX or THERMOSHIELD XTREME during the cleaning step, THERMOSHIELD P ensures effective neutralization. THERMOSHIELD P is especially suitable for hard water and helps to prevent inorganic deposits and lime residues. Also suitable for reliably removing discolorations, THERMOSHIELD P is ideal for basic cleaning.

Application and dosage recommendation for cleaning			
For neutralization, depending on pH value and water hardness ¹		1 – 3 ml/L (0,1 – 0,3 %)	
Composition – 100 g solution contain			
citric acid			
Single Unit	Unit	Content	REF
flat canister	3	5 L	00-180-050E

Application and dosage recommendation for cleaning			
For rinsing, depending on pH value and water hardness		1 – 3 ml/L (0,1 – 0,3 %)	
Composition – 100 g solution contain			
inorganic and organic acids			
Single Unit	Unit	Content	REF
flat canister	3	5 L	00-181-050E

¹ Please observe the application instructions of the machine manufacturer.





THERMOSHIELD® SHINE

Rinsing agent for automated reprocessing

- Time saving due to rapid and thorough stain-free drying
- Acidic pH value prevents limescale build-up and deposits
- Preserves the quality of instruments

THERMOSHIELD SHINE is a liquid concentrate rinsing aid for washer disinfectors and thermal disinfectors for reprocessing medical and dental instruments as well as medical devices. It is added during the final rinse and the dosage is carried out automatically using the dosing pump or rinsing aid compartment in the washer- or thermal disinfectant. Due to its acidic pH value THERMOSHIELD SHINE prevents the formation of deposits on the instruments and in the machine. As a result of its rapid drying effect, the formation of water spots is prevented, saving time in reprocessing.

Application and dosage recommendation for cleaning

For rinsing- depending on pH value and water hardness

0,1 – 0,3 ml/L (0,01 – 0,03 %)

Composition – 100 g solution contain

organic acids

< 5 % non-ionic surfactants

Single Unit	Unit	Content	REF
bottle	12	1 L	00-182-010E
flat canister	3	5 L	00-182-050E



THERMO CLEAR

Clear-rinsing agent for thermal bedpan cleaning machines

- Prevents calcification of bedpan washing machines
- Ensures spotless drying of the bedpans
- Low foaming

THERMO CLEAR is suitable for acidic thermal reprocessing of bedpans in thermal bedpan washers. It ensures spotless drying of the bedpan, prevents the bedpan reprocessing machine from calcification and is low-foaming. THERMO CLEAR is biodegradable according to EU detergent regulation because it is based on citric acid.

Application and dosage recommendation for cleaning

Dosing is dependant on the machine type and water hardness. Check with the department personnel!

1 – 3 ml/L
(see manufacturer's instructions)
(0,1 – 0,3 %)

Composition – 100 g solution contain

< 30 % organic acids

complexing agents

Corrosion inhibitors

Single Unit	Unit	Content	REF
flat canister	3	5 L	00-127-050E
canister	3	5 L	00-127-050

Available
soon!



SPEZIAL ÖLSPRAY

Medical-grade white oil spray for lubricating moving parts of instruments and medical devices

SPEZIAL ÖLSPRAY, based on pure medical-grade white oils, is highly compatible with common materials such as joints and valves of rigid endoscopes, as well as turbines, handpieces, contra-angles, and surgical instruments like forceps or scissors. Furthermore, the white oil meets the quality standard of the German Pharmacopoeia (DAB). The special spray nozzle ensures a fine, even protective film. This results in the high steam permeability of SPEZIAL ÖLSPRAY and allows for reliable sterilization in a steam sterilizer. SPEZIAL ÖLSPRAY increases the lifespan of materials through proper lubrication of moving parts and effective corrosion protection.

Composition

Medical white oil according to DAB 10 (Paraffinum liquidum)

Propane/Butane propellant

Single Unit

Unit Content REF

spray can 12 300 ml 00-108-003

THERMOSHIELD® MAX

Mildly alkaline enzymatic cleaner for automated reprocessing

THERMOSHIELD MAX, coming soon to the THERMOSHIELD range, offers maximum efficiency and performance for machine-based instrument cleaning.

Ask us about
THERMOSHIELD MAX!

NEW
in 2026





APPLICATION AIDS

Wall Dispensers and Dosage Aids

Long service life and high-quality workmanship

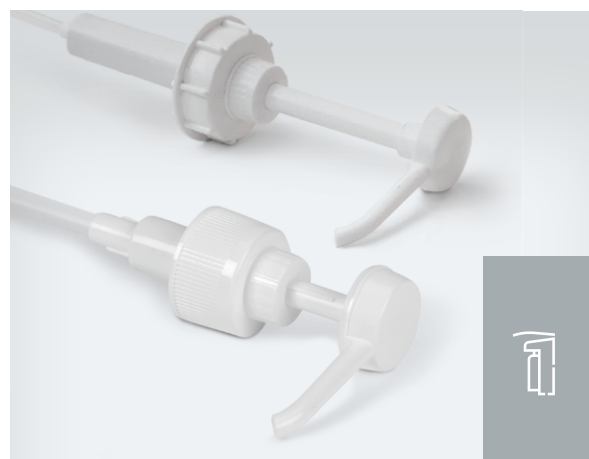
The application aids from Dr. Schumacher guarantee the right dosage, concentration and application of cleaning and disinfection products. Thanks to the use of high-quality materials, you can expect our accessories to have a long, maintenance-free life.

Whether dosing aids, spray heads, measuring cups or instrument trays – all of Dr. Schumacher's accessories contribute to the economical use of products and simplification of work processes.



Find out more about
our products here:

www.schumacher-online.com/en/app





AK PLUS 500/1000 with stainless steel pump

Arm lever wall dispenser in
aluminum housing

Arm lever wall dispenser in aluminum housing with exchangeable stainless steel pump. Easy removal without disassembly. The dispenser is suitable for 500 ml or 1 L bottles and doses 1.5 ml per stroke (other dosage calibration possible). The AK 500/1000 PLUS wall dispenser may be reprocessed using autoclave.

Single Unit	Unit	Size	REF
AK 500/1000 PLUS – (long lever)			
wall dispenser	1	500 ml	00-901-005-01
wall dispenser	1	1 L	00-901-010-01

Single Unit	Unit	Size	REF
AK 500/1000 PLUS – (short lever)			
wall dispenser	1	500 ml	00-903-005-01
wall dispenser	1	1 L	00-903-010-01



AK PLUS 500/1000 without stainless steel pump

Arm lever wall dispenser in
aluminum housing

Arm lever wall dispenser in an aluminum housing. The dispenser is suitable for 500 ml or 1 L bottles and doses 1.5 ml per stroke (other dosage calibration possible). The AK 500/1000 PLUS wall dispenser may be reprocessed using autoclave.



AK 1000 PLUS TOUCHLESS

Touchless wall dispenser in
aluminum housing

The AK 1000 PLUS TOUCHLESS is a touchless wall dispenser in an aluminum housing with a replaceable stainless steel pump and integrated battery indicator. It offers easy removal without dismantling. The dispenser is suitable for use with 1 L bottles and doses 1.5 ml per stroke (other dosage calibration possible). The AK 1000 PLUS TOUCHLESS dispenser is autoclave and dishwasher safe.

Single Unit	Unit	Size	REF
AK 500/1000 PLUS			
wall dispenser without stainless steel pump	1	500 ml	00-901-005OEP
wall dispenser without stainless steel pump	1	1 L	00-901-010OEP

Single Unit	Unit	Size	REF
AK 1000 PLUS TOUCHLESS			
wall dispenser	1	1 L	00-911-010TO





SPE 500/1000

Arm lever wall dispenser in plastic design

Arm lever touchless wall dispenser with an integrated drip tray. Closed dispenser with viewing window. Suitable for 500ml / 1000 ml dispenser bottles. Dosage quantity approx. 1.8 ml/stroke by default, reducible in three steps.

Single Unit	Unit	Size	REF
SPE 500/1000			
wall dispenser	1	500 ml	00-918-005
wall dispenser	1	1 L	00-918-010



SPE 500/1000 TOUCHLESS

Automatic wall dispenser in plastic design

Automatic wall dispenser with integrated drip tray. Closed dispenser with viewing window. Suitable for 500 ml or 1 L dispenser bottles and doses approx. 1.8 ml per stroke (other dosage calibration possible).

Single Unit	Unit	Size	REF
SPE touchless			
wall dispenser	1	500 ml	00-911-005TL-01
wall dispenser	1	1 L	00-911-010TL



NEW

MOBILE HOLDER

For versatile mounting of dispenser bottles

- Mobile holder made of stainless steel
- For flexible mounting of dispenser bottles
- Suitable for 500 ml bottles
- For mounting on beds, nursing trolleys etc.
- Enables flexible placement at the point of use

The stainless steel mobile holder allows for the flexible placement of 500 ml pump bottles directly at the point of use. It can be easily and quickly attached to beds, racks, operating table rails, nursing trolleys, or similar structures, and requires no assembly. This ensures that Dr. Schumacher hygiene products are always readily available and easily accessible. Workflows remain simple, user-friendly, and efficient.

Thanks its construction of high-quality stainless steel, the mobile holder is stable, durable, and easy to clean. It features a hygienic, easy-to-clean surface. Furthermore, the mobile holder is dishwasher-safe and may be sterilized in an autoclave (134 °C), thus meeting the highest standards of hygiene and reprocessing. This mobile holder is ideal for hospitals, care facilities, as well as industrial and food processing areas.



NEW

WALL MOUNT

For permanent installation of dispenser bottles

- Stainless steel wall mount
- For permanent installation of dispenser bottles
- Suitable for 500 ml bottles
- Easily installation
- Ideal for hospitals, care facilities, industrial and food processing plants

This stainless steel wall-mounted holder with embossed Dr. Schumacher logo offers a stable solution for the permanent installation of 500 ml pump bottles. During installation, it is securely screwed to the wall, creating clearly defined hygiene points in entrance areas, treatment rooms, or production facilities. The secure mounting ensures a reliable hold and readily accessible hygiene products.

The robust, rust-free material is durable, easy to clean, dishwasher-safe, and may be sterilized in an autoclave (134 °C). The wall holder is ideal for hospitals, care facilities, industrial and food processing plants, and public areas.

Single Unit	Unit	Size	REF
Mobile holder	1	500 ml	00-902-MH-01

Single Unit	Unit	Size	REF
Wall mount	1	500 ml	00-902-WH-02





DESCOFLEX MOBILE HOLDER

For versatile installation of dispenser bottles

DESCOFLEX MOBILE HOLDER MH is made of chrome-plated stainless steel for versatile attachment of dispenser bottles on bed frames, care trolleys etc. Easy to apply and suitable for 500 ml/1 L bottles.



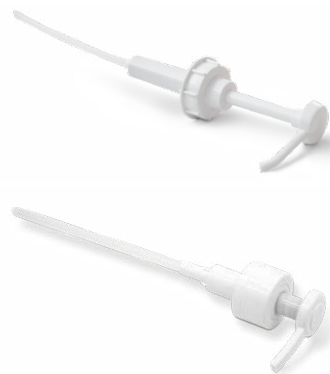
DESCOFLEX WALL HOLDER

For installation of dispenser bottles on walls

DESCOFLEX WALL HOLDER is a stable plastic construction which is suitable for wall mounting. The holder can be used in combination with 500 ml/1000 l dispenser bottles.

Single Unit	Unit	Size	REF
bottle holder MH	1	500 ml/1 L	00-902-MH

Single Unit	Unit	Size	REF
bottle holder	1	500 ml/1 L	00-902-WHEX



DOSING PUMP

Dosing aid for containers and dispenser bottles

The DOSING PUMP is available in three different versions: dosing pump with 30 ml/stroke, fits 2 L bottles, 5 L or 10 L containers, adapter available on demand for smaller dosing (20 ml, 10 ml). Dosing pump with 3 ml/stroke, fits 500 ml/1 L bottles or dosing pump with 2 ml/stroke, fits 500 ml/1 L bottles.

Single Unit	Unit	Size	REF
dosing pump with 30 ml/stroke	1	2 L/5 L/10 L	00-906-000-01
dosing pump with 3 ml/stroke	10	500 ml/1 L	00-906-005-03
dosing pump with 2 ml/stroke	1	500 ml/1 l	00-906-005EX



MEASURING AIDS

For surface and instrument disinfection and cleaners

The MEASURING AIDS are available in different versions: 1 L dosing bottle with 60 ml chamber, canister key for opening 5 L and 10 L containers and taps for 2 L bottles with handles and 5 L, 10 L and 30 L containers.

Single Unit	Unit	Size	REF
dosage bottle	1	Dosage: 25 ml – 60 ml	00-904-010
canister opener	1	-	00-909-050
tap	1	2 L/5 L/10 L	00-907-000





MEASURING JUG/CUP & SPRAY HEADS

For surface and instrument disinfectants and cleaners

The MEASURING JUG (3 L) and CUP (40 ml) are perfect for dosing products for surface and instrument disinfection as well as cleaners.

The SPRAY HEADS are available in different versions: Spray head for 500 ml and 1 L bottle, 1 L dispenser bottles and foam spray head for 500 ml/1 L dispenser bottles.

Single Unit	Unit	Size	REF
spray head	1	500 ml	00-905-005-01
spray head	1	1 L	00-905-010
foam spray head	1	1 L	00-912-010

Single Unit	Unit	Size	REF
measuring jug	1	3 L	00-906-030
measuring cup	1	40 ml	00-906-0004



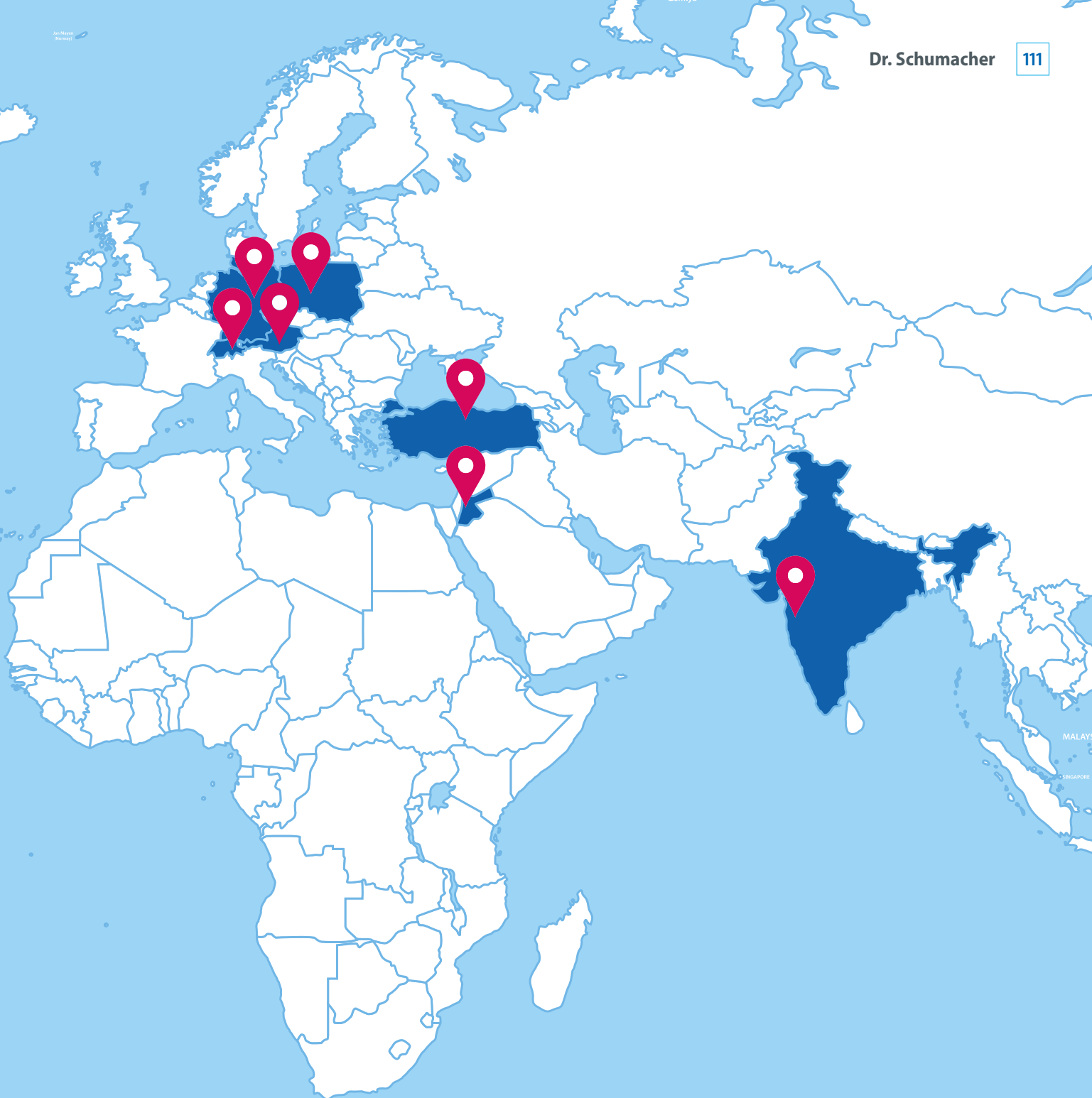
INSTRUMENT BATH

For instrument processing

- With recessed grips for secure handling
- Practical removable basket insert
- Lid can be tightly sealed to prevent contamination of the room air

Disinfection tubs are required for cleaning and disinfection during manual processing, and if required, as preparation for automated processing of instruments as well as rigid and flexible endoscopes. The disinfection tub includes a removable basket insert, a solution level indicator, and a tightly sealed white lid. It is available in various sizes to suit different needs. All disinfection tubs can be processed automatically. The basket insert enables easy removal of instruments from the cleaning or disinfectant solution. After removing the basket insert from the disinfection tub, they can immediately be rinsed under running water. The tightly sealed lid protects the ambient air from contamination by volatile substances.

Single Unit	Tub size L x B x H	Basket Insert Size L x B x H	REF
1 L	223 x 149 x 91 mm	145 x 112 x 70 mm	00-908-010
4 L	343 x 213 x 125 mm	280 x 192 x 112 mm	00-908-040



A Global Company

Dr. Schumacher's journey began almost five decades ago in Northern Hesse, where our company headquarters are still located today. What started as a local endeavor has grown into a global family-owned company, active in 7 countries and serving customers across more than 70 nations. Our continued success is driven by strong collaboration and open communication among our dedicated employees.

Together, we protect your health.

Locations at a Glance

- Germany (HQ)
- Austria
- India
- Jordan
- Poland
- Switzerland
- Turkey



Pictograms and Symbols

PRODUCT CATEGORIES



Surface
Ready-to-use disinfection



Surface
Cleaning and disinfectant concentrates



Surface
Powder disinfectant concentrates



Surface
Ready-to-use disinfectant wipes



Surface
Non-woven wipe dispenser systems



Hand and Skin
Cleansing / Sanitation



Hand and Skin
Cleansing



Hand and Skin
Hand disinfection



Hand and Skin
Skin disinfection



Hand and Skin
Hand and skin care



Hand and Skin
Hand and skin protection



Instruments
Manual reprocessing



Instruments
Machine reprocessing



Endoscopes
Manual reprocessing



Endoscopes
Machine reprocessing



Application Aids
Dispensers, holders and dosing aids

COVERAGE



Wipe intended for use on
large surfaces.



Wipe intended for use on
medium surfaces.



Wipe intended for use on
small surfaces.

Pictograms and Symbols

INSTRUCTIONS AND CERTIFICATIONS



Guaranteed standing time of
42 days when combined with certified
Dr. Schumacher products.



Guaranteed pre-soak time of
15 minutes when combined with certified
Dr. Schumacher products.



Product is recommended for
whole body patient washing.



Product is appropriate
for use in HACCP concepts
(in accordance with Article 5
of the VO (EG) 853/2004).



Products with a patent seal
have successfully been awarded
a patent or are patent pending.

LISTINGS

DAAB

IHO

ÖGHMP

RKI A

RKI AB

RKI/DVV

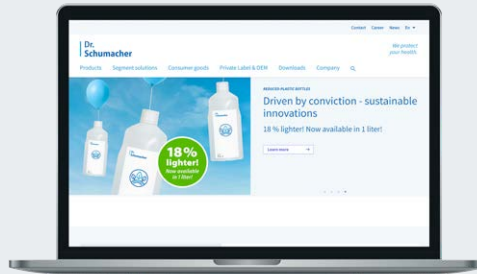
VAH

DAAB – Product tested and recommended by the German Allergy and Asthma Association (www.daab.de). **IHO** – Industry Association for Hygiene and Surface Protection for Industrial and Institutional Use e.V. (www.desinfektionsmittelliste.de). **ÖGHMP** – Products listed in the disinfectant list of the Austrian Society for Hygiene, Microbiology and Preventive Medicine (www.oeghmp.at). **RKI A** – Products listed in the disinfectant list of the Robert Koch Institute according to § 18 IfSG, effective range A. **RKI AB** – Products listed in the disinfectant list of the Robert Koch Institute according to § 18 IfSG, effective range AB. **RKI/DVV** – Virucidal product according to the guidelines of the German Association for Combating Viral Diseases e.V. (DVV) and the Robert Koch Institute (RKI). **VAH** – Products listed in the disinfectant list of the Association for Applied Hygiene e.V. (www.vah-online.de).

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