

*We protect
your health.*



Dr. Schumacher

Complete product range

Disinfection, Hygiene and Care



2016

Quality and innovation in hygiene

For more than 35 years we have pursued the goal to protect personnel and patients from infections and contaminations



Safety by experience

The company Dr. Schumacher GmbH was founded in 1978 in Melsungen, 30 km south of Kassel. Due to the professional history of its founder Dr. Henning Schumacher the company is based on more than 30 years of experience in the field of hygiene and disinfection.

Dr. Schumacher started his chemist career in the R&D department of a well-known disinfectant manufacturer in Hamburg. After several years of successful work in research and development he followed the offer of a big German medical device corporation located in the northern part of Hesse.

Always keeping his main objective in mind - to protect personnel and patients - he started his own company. This was the only way for him to realize his innovative product ideas the way he wanted to

and to shorten decision-making processes as well as to simplify bureaucratic structures.

At the end of the 90's he handed the company over to his sons Dierk (chemist) and Jens (pharmacist, MBA) who carry on the company philosophy of their father. The research and development of innovative products is also an essential basis of the company's strategy for both sons.

The Dr. Schumacher GmbH is nowadays one of Europe's leading providers of the development and manufacturing of hygiene, disinfection and care products for the entire medical field. The family-owned company supplies innovative, unique solutions from their headquarters in Malsfeld, Hesse.

At present the Dr. Schumacher GmbH employs approximately 850 employees in eight countries and

is the only disinfectant manufacturer with an own wipe production. Thus, the company has developed into a recognized international specialist. The company produces around 5,700 tons of disinfectants for skin, hands, instruments and surfaces. The products are exported to over 68 countries and make Dr. Schumacher GmbH a recognized international specialist.

Intensive research and development

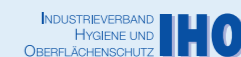
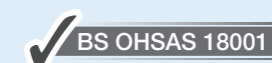
By constant research and development we became one of the most important German manufacturers for aldehyde-free instrument disinfectants.

At the beginning of the 80s we introduced one of the first highly effective surface disinfectants free from aldehydes and phenols. Shortly afterwards the first aldehyde-free and phenol-free instrument disinfectant with extensive efficacy against tuberculosis bacteria complying with the DGHM guidelines (DGHM = German Association for Hygiene and Microbiology) followed.

We also gave a clear sign with the following generation of instrument disinfectants: we proved that it is possible to reduce the amount of active substances and still keep the exposure times short without using aldehydes and in spite of tightened VAH/DGHM guidelines.

Consequent quality policy

Our aim is to offer products that are produced according to the latest technological knowledge and standards to achieve a high degree of convenience and safety for users. As a manufacturer of drugs, medical devices, biocides and cosmetic products we work according to GMP guidelines, ISO 9001/EN 13485 as well as cosmetic GMP guidelines. Our production processes have been audited and certified by well-known manufacturers.





Desotex - Premium

Premium non-woven wipes for use in the medical and care sector

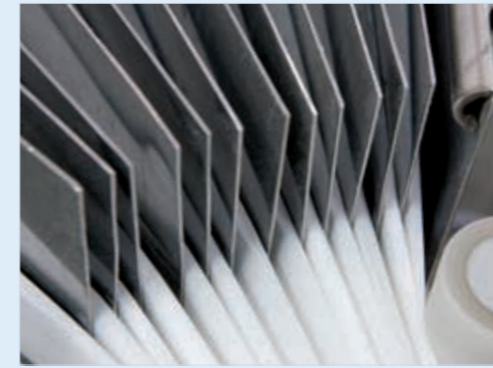
Desotex - premium non-woven

As a specialist for the production of hygiene, disinfection and care products, the Dr. Schumacher GmbH belongs to leading enterprises with own wipe production throughout Europe.

A unique synergy of competence in manufacturing of disinfectants and sophisticated fabrics at top technological quality has thus been achieved, setting the benchmark in the hygiene market and is so far unique.

For use in the medical and care sector, we only use high quality approved DESOTEX Premium non-wovens which have been checked in numerous laboratory tests. This way, we can guarantee an optimal release of the active ingredients of our products at any time. Therefore, DESOTEX products stand for a high level of application security

and protection of staff, patients and residents. In our own DESOTEX research and development department we have tested different combinations of fabric and disinfection agents. The disinfecting effect of our disinfectant wipes of DESOTEX premium fleece have been analyzed employing standard methods of the German Society for Hygiene and Microbiology (DGHM) with many independent accredited laboratories and numerous disinfecting agents. Disinfectant wipes of DESOTEX premium fleece achieve an almost 100% release of disinfectant active agents. Our disinfectant tissue rolls have – in the contained system - an expert approved microbiological stability of 28 days to 6 weeks.



Expert advice and service

We offer more than just innovative products - expert advice and service in all areas around the topic of hygiene and disinfection are a matter of course for us.

We are happy to advise you on the use of our products and the compliance with hygiene provisions.

We hold all statutory product documentation constantly at status quo for you. On our website www.schumacher-online.com you can retrieve them at any time.

Our knowledgeable, specially trained team is always available for training, or to solve technical application and hygiene issues.

The close collaboration with our research department and our department of science and law is a major advantage of our corporate structure, which allows us to respond quickly and flexibly to your needs.



Complete product range

Disinfection, Hygiene and Care

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Disinfection

10-13

14-15

Hand & skin disinfection

Skin disinfection

Hand & skin

Disinfection

Hand & skin

Disinfection

The hands of personnel in medical facilities are the most important carriers of pathogenic germs. Consequently, frequent and regular hand disinfection is essential in order to avoid transmission of infections.

Besides a safe and rapid disinfecting efficacy, we pay special attention to good skin tolerance of our hand and skin disinfectants.

Therefore we take care not to use cumulative long-term active ingredients in our products, as well as adding skin-caring components to keep the skin healthy during daily stress.

	Range of application			Active ingredients			Efficacy			Product properties		
	hygienic hand disinfection acc. to DGHM / VAH / EN	surgical hand disinfection acc. to DGHM / VAH / EN	skin disinfection	ethanol	1-propanol	2-propanol	active against enveloped viruses incl. HCV, HBV, HIV	Noro virus	virucidal	moisturisers	perfume-free	colourant-free
ASEPTOMAN® perfume-free	✓	✓				✓	✓	✓		✓	✓	✓
ASEPTOMAN®	✓	✓				✓	✓	✓		✓		✓
ASEPTOMAN® Gel	✓	✓		✓			✓	✓	✓	✓	✓	✓
ASEPTOMAN® PLUS	✓	✓		✓			✓	✓	✓	✓	✓	✓
DESCODERM	✓	✓	✓			✓	✓	✓			✓	✓
DESCODERM pads			✓			✓	✓				✓	✓
ASEPTODERM® coloured			✓			✓	✓					
ASEPTODERM®			✓			✓	✓					✓

VAH/DGHM
ÖGHMP

ASEPTOMAN[®] perfume-free alcoholic hand disinfectant

- bactericidal incl. TB bacteria, MRSA, yeasticidal
- effective against all enveloped viruses, Rota and Noro virus
- contains emollients for skin care

ASEPTOMAN[®] perfume-free is an alcohol-based hand sanitizer to be rubbed into the skin. ASEPTOMAN[®] perfume-free contains the refatting agent lanolin, thus ensuring a smooth skin feeling. Due to the fast drying and refatting properties, ASEPTOMAN[®] perfume-free promotes a good hand hygiene compliance. It is especially kind to the skin and particularly suitable for people with sensitive skin.



perfume-free

Single unit	Unit	Art.-No.
150 ml pocket-sized bottle	20	00-403OP-0015EXD
500 ml bottle	20	00-403OP-005EXD
1 L bottle	12	00-403OP-010EXD

Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/DGHM/EN 1040/EN 1275/EN 13727/ EN 13624	hygienic hand disinfection acc. to VAH/DGHM/EN 1500 conc. 30 sec.
tuberculocidal acc. to EN 14348	surgical hand disinfection acc. to VAH/DGHM/EN 12791 conc. 1.5 min.
active against all enveloped viruses incl. Hepatitis B virus/HIV/ Hepatitis C virus acc. to EN 14476	
active against Rota virus and Noro virus (MNV) acc. to EN 14476	
Active ingredients in 100 g 63.14 g (70% V/V) 2-propanol	

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

ASEPTOMAN[®] alcoholic hand disinfectant

- bactericidal incl. TB bacteria, MRSA, yeasticidal
- effective against all enveloped viruses, Rota and Noro virus
- contains emollients for skin care

ASEPTOMAN[®] is an alcohol-based hand sanitizer to be rubbed into the skin. ASEPTOMAN[®] contains the refatting agent lanolin, thus ensuring a smooth skin feeling. A pleasant odor due to the perfume, fast drying and refatting properties promote a good hand hygiene compliance.



VAH/DGHM
RKI A
ÖGHMP

Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/DGHM/EN 1040/EN 1275/EN 13727/ EN 13624	hygienic hand disinfection acc. to VAH/DGHM/EN 1500 conc. 30 sec.
tuberculocidal acc. to EN 14348	surgical hand disinfection acc. to VAH/DGHM/EN 12791 conc. 1.5 min.
active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus acc. to EN 14476	
active against Rota virus and Noro virus (MNV) acc. to EN 14476	
Active ingredients in 100 g 63.14 g (70% V/V) 2-propanol	

Single unit	Unit	Art.-No.
150 ml pocket-sized bottle	20	00-403-0015EX-10
500 ml bottle	20	00-403-005EX-10
1 L bottle	12	00-403-010EXP-10
5 L container	3	00-403-050EX-10

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

Hygienic hand disinfection according to EN 1500



- Apply a sufficient amount of hand disinfectant into your dry cupped hands.
- Hands have to be kept well moistened during the entire application time, add additional disinfectant if necessary.
- Perform hygienic hand disinfection for at least 30 seconds.
- Do not wear rings or watches, finger nails should be kept short and unpolished.
- Additional cleaning of hands with water and soap only in case any visible dirt remains.

Indications for hygienic hand disinfection

Hand disinfection is always required when contamination of the hands with potentially pathogenic germs has taken place or is likely to have taken place:

1. before and after touching patients
2. before and after any contact with wounds
3. before aseptic procedures
4. after removing protective gloves
5. after contact with potentially infectious objects and materials, such as blood and other body fluids



The latter would require hand disinfection on leaving any patient's room as it cannot be ruled out that a contamination of the hands has taken place through the contact with surfaces near patients.

VAH/DGHM

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Noro virus
inactivating
in 15 sec.*

ASEPTOMAN® GEL

alcoholic hand disinfectant gel

- virucidal acc. to EN 14476
- exceptionally gentle to the skin
- contains moisturisers for skin care

Alcoholic hand disinfectant gel to be rubbed into the skin. Precise dosing and easier, non-drip application through a user friendly gel formulation. ASEPTOMAN® GEL is free from cumulative long-term acting ingredients that might have an irritating or sensitising effect on the skin. Compatible with all washing lotions. Free from aldehydes, phenols and quaternary ammonium compounds.



Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/DGHM/EN 13624/EN 13727	hygienic hand disinfection acc. to VAH/DGHM/EN 1500 conc. 30 sec.
tuberculocidal acc. to EN 14348	surgical hand disinfection acc. to VAH/DGHM/EN 12791 conc. 1.5 min.
virucidal acc. to EN 14476 incl. Polio / Adeno / Noro virus (MNV)	Norovirus (MNV) acc. to EN 14476 conc. 15 sec.*
* For hygienic hand disinfection a contact time of 30 seconds must be maintained.	
Active ingredients in 100 g Ethanol 80,8 g (85% V/V)	

GEL

Single unit	Unit	Art.-No.
150 ml pocket-sized bottle	20	00-409-0015EXP
500 ml bottle	20	00-409-005EXP
1 L bottle	12	00-409-010EXP

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

VAH/DGHM

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ASEPTOMAN® PLUS

alcoholic hand disinfectant

- effective against Noro viruses in 15 sec.*
- contains moisturisers for skin care
- virucidal acc. to EN 14476

Virucidal alcoholic hand disinfectant to be rubbed into the skin. ASEPTOMAN® PLUS is exceptionally gentle to the skin. Its user friendly formulation offers an extensive spectrum of efficacy, combined with excellent skin-care properties. Effective against Noro viruses.

* For hygienic hand disinfection a contact time of 30 seconds must be maintained.



Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/DGHM/EN 13624/EN 13727	hygienic hand disinfection acc. to VAH/DGHM/EN 1500 conc. 30 sec.
tuberculocidal acc. to EN 14348	surgical hand disinfection acc. to VAH/DGHM/EN 12791 conc. 1.5 min.
virucidal acc. to EN 14476 incl. Polio / Adeno / Noro virus (MNV)	
Active ingredients in 100 g 80 g (85% V/V) Ethanol, 0,1 g Benzalkoniumchloride	

virucidal

Single unit	Unit	Art.-No.
150 ml pocket-sized bottle	20	00-408-0015
500 ml bottle	20	00-408-005
1 L bottle	12	00-408-010EXP
5 L container	3	00-408-050

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

DESCODERM

alcoholic hand and skin disinfectant

- dermatologically recommended for persons with allergies or sensitive skin
- free from potentially allergenic ingredients
- spore-free filtered

Alcoholic, perfume-free disinfectant to be rubbed into the skin and hands. DESCODERM contains no cumulative long-term acting ingredients or other additives which might have an irritating or sensitising effect on the skin. Compatible with all washing lotions. Free from aldehydes, phenols and quaternary ammonium compounds. Spore-free filtered.



Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/DGHM	hygienic hand disinfection acc. to VAH/DGHM/EN 1500 conc. 30 sec.
tuberculocidal	surgical hand disinfection acc. to VAH/DGHM/EN 12791 conc. 1.5 min.
active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus	skin disinfection prior to operations, punctures of peripheral vessels: conc. 15 sec.
active against non enveloped viruses as well as Rota – and Noro virus (MNV) acc. to EN 14476	prior to operations, punctures of joints, body cavities, hollow organs: Sebacous-gland impoverished skin conc. 1 min.
	Sebacous-gland enriched skin conc. 10 min.
Active ingredients in 100 g 63,1 g (70% V/V) 2-propanol	

Single unit	Unit	Art.-No.
150 ml pocket-sized bottle	20	00-401-0015EX
250 ml pump spray bottle	30	00-401-0025EX
500 ml bottle	20	00-401-005EX
1 L bottle	12	00-401-010EXP
5 L container	3	00-401-050EX

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

DESCODERM pads

alcoholic disinfection wipes

- for disinfection of medical devices
- convenient single sachet
- skin tolerability confirmed by dermatologists

Ready to use disinfection wipes for disinfection of medical devices and intact skin. With DESCODERM pads moistened surfaces dry off without leaving any residue. Dermatologically proven skin compatibility, recommended for allergenic persons and persons with sensitive skin.



Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/DGHM/EN 13624/EN 13727	Surface disinfection of medical devices, disinfection of intact skin 1 min.
active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus	
Active ingredients in 100 g 63,1 g (70% V/V) 2-propanol	

Single unit	Unit	Art.-No.
100 single sachets	1	00-401-T100

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

VAH/DGHM

ASEPTODERM® coloured

coloured alcoholic skin disinfectant

- coloured solution - especially suitable for skin disinfection prior to operations
- exceptionally gentle to the skin

Ready to use, alcoholic skin disinfectant. ASEPTODERM® coloured is coloured red to show the area which has been disinfected. Its primary use is in pre- and post-operative skin disinfection. In addition, ASEPTODERM® coloured can be used for skin disinfection prior to injections, incisions, punctures, blood withdrawals, catheter insertions, minor surgical interventions and minor accidental injuries. Gentle to the skin, free from cumulative long-term active ingredients. Aldehyde-, phenol- and QAC-free and spore-free filtered.



coloured

Single unit	Unit	Art.-No.
250 ml spray bottle	20	00-502-0025EXP-20
1 L bottle	10	00-502-010EX-10
5 L container	3	00-502-050EX-10

Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/DGHM	skin disinfection prior to operations, punctures of peripheral vessels: conc. 15 sec.
tuberculocidal	skin disinfection prior to operations, punctures of joints, body cavities, hollow organs
active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus	Sebacous-gland impoverished skin conc. 1 min.
	Sebacous-gland enriched skin conc. 3 min.
Active ingredients in 100 g 63.14 g (70% V/V) 2-propanol	

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

Measures for compliance improvement

Hand disinfection is the most important measure of hand hygiene and prevents the transmission of germs from the hands of medical personnel to patients. Experience shows that hand hygiene is often not carried out to the necessary extent; due to a lack of disinfection facilities, time pressure and (assumed) bad skin compatibility of the product used. By forbearance of hand disinfection potentially disease-causing germs may be transferred to the patient and hospital-acquired infections can be caused. Therefore it is crucial to improve the compliance of implementing hand disinfection.

This includes the following measures:

- disinfectant dispensers should be located within easy reach
- provide skin-friendly disinfectants
- regular staff training
- structuring of work processes
- in areas without adequate facilities for fixed disinfectant dispensers, staff needs to be equipped with pocket-sized bottles

VAH/DGHM

ASEPTODERM®

alcoholic skin disinfectant

- exceptionally gentle to the skin
- short exposure time
- spore-free filtered

Ready to use alcoholic skin disinfectant for spraying or swabbing of skin. ASEPTODERM® can be used for skin disinfection prior to injections, incisions, punctures, blood withdrawals, catheter insertions, minor surgical interventions and minor accidental injuries. Also suitable for pre- and post-operative skin disinfection. Free from cumulative long-term active ingredients that might have an irritating or sensitising effect on the skin. Thus it is extremely gentle to the skin. Aldehyde-, phenol- and QAC-free and spore-free filtered.



Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/DGHM	skin disinfection prior to operations, punctures of peripheral vessels: conc. 15 sec.
tuberculocidal	skin disinfection prior to operations, punctures of joints, body cavities, hollow organs
active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus	Sebacous-gland impoverished skin conc. 1 min.
	Sebacous-gland enriched skin conc. 3 min.
Active ingredients in 100 g 63.14 g (70% V/V) 2-propanol	

Single unit	Unit	Art.-No.
250 ml spray bottle	20	00-501-0025EXP-20
500 ml bottle	20	00-501-005EX-10
1 L bottle	12	00-501-010EXP
5 L container	3	00-501-050EX-10

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

How to disinfect skin areas properly

Not all areas of the skin react equally to disinfectants.

Skin areas with high density of sebaceous glands require a longer exposure time for a disinfectant to achieve a full disinfection efficacy.

While skin areas with low density of sebaceous glands, depending on the medical intervention, require exposure times of only 15 seconds to 1 minute, skin areas with high density of sebaceous glands must be kept moistened with disinfectant for 3 to 10 minutes.

■ skin areas with high density of sebaceous glands



Sanitation

18-19

Antimicrobial cleansing

Hand & skin

Antimicrobial cleansing

Hand & skin

Antimicrobial cleansing

Multiresistant pathogens represent a serious problem within the health care system. Alongside gram-positive pathogens, such as *S. aureus* increasing resistance of gram-negative pathogens, such as *E. coli* and *Klebsiella* has been noticed within the past years. A coordinated hygiene management that can include measures such as the germ reducing whole body washing, is one bundle element to avoid the spreading of these pathogens.

Our products distinguish themselves with fast efficacy and exceptional skin and mucous membrane compatibility and are therefore especially suitable for sensitive skin.

	Range of application			Efficacy			Product properties					
	antimicrobial cleansing	hygienic hand washing	antimicrobial hair washing	active against enveloped viruses incl. HCV, HBV, HIV	MRSA/ MRGN	A. baumannii	can be heated in a microwave oven	alcohol-free	pH skin neutral	moisturisers	perfume-free	colourant-free
DECONTAMAN WASH	✓						✓	✓	✓		✓	✓
DECONTAMAN WIPES	✓						✓	✓	✓		✓	✓
DECONTAMAN CAP			✓				✓	✓	✓	✓		✓
DECONTAMAN FOAM	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
DECONTAMAN	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓
DECONTAMAN LIQUID	✓							✓	✓		✓	✓



wash gloves

DECONTAMAN WASH

antimicrobial wash gloves

- skin cleansing in MRSA/MRGN colonized patients
- no rinsing necessary
- practical and quick use, microwaveable

DECONTAMAN WASH are moist wash mitts for use on skin and mucous membranes. They are particularly suitable for germ-reducing cleansing of immobile as well as bedridden patients in intensive care and infection wards. Compared to a traditional cleaning with washcloths a carryover of MRE during cleaning can thus be prevented. Due to the good skin wetting properties a safe cleansing is guaranteed and unpleasant body odors are reduced. Dermatologically tested formulation.

Single unit	Unit	Art.-No.
1 flowpack 10 gloves 14 x 23 cm	24	00-610-T010-02



DECONTAMAN WIPES

antimicrobial cleansing wipes

- for skin cleansing in case of MRSA and MRGN colonized patients
- ready to use cleansing wipes for quick and convenient handling
- excellent tolerance to skin and mucous membranes

Ready to use, antimicrobial cleansing wipes for skin and mucous membranes. Also suitable for very sensitive skin areas such as in stoma care. The soaking solution reduces bacteria incl. MRSA and multidrug-resistant pathogens like MRGN so that a carry-over of MRE is prevented during cleansing. Reduces the bioburden of the skin and prevents unpleasant body odors. Suitable for heating in the microwave. DECONTAMAN WIPES are also suitable for use as a hand cleaning cloth for patients with MRE, especially in bedridden patients, as well as for a germ-reducing cleaning of the anogenital area after toilet use.

Single unit	Unit	Art.-No.
1 flowpack 10 wipes 20 x 30 cm	24	00-610-T010



DECONTAMAN CAP

single use shampoo cap

- ready to use shampoo cap for bedridden patients
- antimicrobial hair wash, no water or shampoo needed
- with allantoin, aloe vera extract, chamomile extract, panthenol and vitamin E

DECONTAMAN CAP is a ready to use shampoo cap for the washing of hairs without water and shampoo. Decontaman cap allows a time-saving as well as thorough cleaning of the hair of bedridden patients and rinsing with water after its use is not required. The soaking solution of DECONTAMAN CAP is antimicrobial effective, so that the washing cap is also beneficial for the usage in MRSA colonized patients. DECONTAMAN CAP is microwaveable and can be warmed before use. The soaking solution is pH neutral and contains extracts of aloe vera and chamomile, allantoin, panthenol as well vitamin E for hair care.

Single unit	Unit	Art.-No.
1 shampoo cap	30	00-950-001

DECONTAMAN FOAM

antimicrobial washing foam for hands, skin and hair

- bactericidal
- ready-to-use
- fast acting: 30 sec. contact time

DECONTAMAN FOAM is an antimicrobial washing foam for hands, skin and hair with excellent cleaning properties. The ready to use foam ensures a particularly convenient application and is used for the selective cleaning of highly contaminated skin areas.

Antimicrobial properties	Directions for use
bactericidal incl. MRSA, high organic soiling acc. to VAH/DGHM/EN 13727	hygienic hand washing acc. to VAH/EN 1499 conc. 30 sec.
active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus	
Active Ingredients in 100 g	3.6 g 2-Phenoxyethanol 0.15 g Polyhexamethylenbiguanide



VAH/DGHM

ÖGHMP

FOAM

Single unit	Unit	Art.-No.
200 ml foam pump dispenser	10	00-453FP-002

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

DECONTAMAN

antimicrobial washing lotion for skin and hands

- fast acting: 30 sec. contact time
- effective against MRSA and MRGN
- with refatting agents and mild surfactants

Antimicrobial washing lotion for cleaning of skin and hands even under high loads with fat or protein such as e.g. in food industry. For hygienic hand washing according to the German Society for Hygiene and Microbiology (DGHM). Particularly useful for antimicrobial body washings in case of colonization with MRSA and other multiresistant pathogens such as VRE, ESBL and other MRGN, especially for the application prior to a hospital stay. Thanks to the mild surfactants and refatting agents, DECONTAMAN is suitable for a regular use including shampooing.

Antimicrobial properties	Directions for use
bactericidal incl. MRSA acc. to VAH/DGHM/EN 13727/EN 1499	hygienic hand wash acc. to VAH/DGHM/EN 13727/EN 1499 30 sec.
active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus	Acinetobacter baumannii acc. to EN 13727 15 sec.
Active ingredients in 100 g	0.995 g Polyhexamethylenebiguanide

active against
Acinetobacter
baumannii



VAH/DGHM

ÖGHMP

Single unit	Unit	Art.-No.
500 ml bottle	20	00-405-005
1 L bottle	12	00-405-010EXP
5 L container	3	00-405-050

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

DECONTAMAN LIQUID

antimicrobial cleansing solution for skin and mucous membranes

- ready to use
- free of colourants and perfume
- reduces the bioburden of the skin
incl. MDRO and prevents unpleasant body odors

Ready to use antimicrobial cleansing solution for skin and mucous membranes. Also suitable for sensitive skin. DECONTAMAN LIQUID reduces the bioburden of the skin including multiresistant pathogens and prevents unpleasant body odors.

active against
Acinetobacter
baumannii



Single unit	Unit	Art.-No.
250 ml bottle	30	00-610-0025
500 ml bottle	20	00-610-005
1 L bottle	10	00-610-010EXP



Cleansing

22-23

24-25

Hand & skin cleansing

Skin cleansing & skin care wipes

Hand & skin

Cleansing

Hand & skin

Cleansing

Cleansing of skin and hands is always necessary when they are soiled, sweaty or sticky and is therefore a measure within the scope of general body hygiene, respectively it is necessary for hand disinfection to be effective.

Since additionally to soil and debris skin's own oils and moisturizing factors are removed during a cleansing process, it is recommended to use a washing lotion with skin friendly formula.

When using our cleansing tissues the skin is simultaneously cleansed and moisturized by the soft cloth. With this water-free application a wash-out effect is prevented and the skin is protected.

When choosing cleansing products, as with all skin products, care should be taken to attune these to the skin type of the user.

	Ingredients								Product properties				Application area					
	pH skin neutral	humectant	lipid replenisher and/or botanical oils	skin regenerating care agents	PEG-free	alkali- and soap-free	colourant-free	perfume-free	preservative-free	wipe	glove	wipe/glove size in centimeters	wipe/glove quantity	hypoallergenic formula	normal skin	dry skin	very dry skin	sensitive skin
SALINA	✓		✓			✓	✓							✓				
DESCOSOFT	✓		✓			✓								✓	✓			
DESCOSAN	✓		✓			✓	✓							✓	✓			✓
DESCOSAN KAMILLENDUFT	✓		✓			✓	✓							✓	✓			
proind Waschlotion sensitive	✓	✓	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	✓	✓
OPTIWASH	✓		✓	✓	✓	✓	✓	✓		✓	14x24	10	✓	✓	✓	✓	✓	✓
NEW DESOBATH WIPES	✓			✓	✓	✓	✓	✓		✓	22x33	10		✓	✓	✓	✓	✓
NEW DESODERM CARE WIPES	✓		✓	✓	✓	✓	✓	✓		✓	18x20	80	✓	✓	✓	✓	✓	✓
BABY WIPES SENSITIVE	✓	✓		✓	✓	✓	✓	✓		✓	18x20	80	✓	✓	✓	✓	✓	✓



SALINA

washing lotion

- with fresh lemon scent
- pH skin-neutral
- contains moisturisers for skin care

Single unit	Unit	Art.-No.
500 ml bottle	20	00-631-005
1 L bottle	12	00-631-010EXP
5 L container	3	00-631-050
10 L container	1	00-631-100

SALINA washing lotion is a mild cleansing, pH skin-neutral washing lotion for frequent, intensive washings of skin and hands. Skin-caring and refatting agents protect the physiological integrity of the skin and protect the skin from drying-out. Economical to use.

DESCOSAN KAMILLENDUFT

skin-friendly washing lotion for stressed skin

- extremely gentle to the skin
- pH skin-neutral
- with natural chamomile extract

DESCOSAN KAMILLENDUFT is a pH-neutral, skin-friendly washing lotion for washing hands and skin. It is characterized by a pleasant and mild scent of chamomile. Skin-friendly ingredients and refatting components protect the physiological integrity of the skin and the skin's natural protective barrier. This gives natural protection against drying out of the skin. Economical to use.



for stressed skin

Single unit	Unit	Art.-No.
500 ml bottle	20	00-616-005
1 L bottle	12	00-616-010
5 L container	3	00-616-050



DESCOSOFT

washing lotion

- exceptionally fresh scent
- skin-friendly pH-value
- blue coloured for easier identification of the filling level

Single unit	Unit	Art.-No.
500 ml bottle	20	00-607-005EXD
1 L bottle	12	00-607-010EXD
5 L container	3	00-607-050EXD
10 L container	1	00-607-100EXD

Mild and skin-friendly washing lotion, with an exceptionally fresh scent. DESCOSOFT is pH skin-neutral and contains emollients for skin-care which help to protect the skin's natural protective barrier. This gives natural protection against drying out of the skin.

Waschlotion sensitive

hypoallergenic washing lotion for dry skin

- contains exceptionally skin-friendly ingredients
- contains nourishing almond oil
- free from perfume and colourants

prolind Waschlotion sensitive is a particularly mild and skin-caring washing lotion. It is ideal for cleansing sensitive and stressed skin. prolind Waschlotion sensitive contains sugar tensides and betaine derivatives, particularly mild detergents (surfactants) allowing for gentle skin cleansing. Skin-caring almond oil supports the regeneration of the skin. prolind Waschlotion sensitive is free from perfume and colourants, like all our products in the prolind range.



Single unit	Unit	Art.-No.
100 ml bottle	30	00-614-001
500 ml bottle	20	00-614-005
1 L bottle	12	00-614-010



DESCOSAN

skin-friendly washing lotion for sensitive skin

- extremely gentle to the skin
- pH skin-neutral
- recommended for persons with sensitive skin

for sensitive skin

Single unit	Unit	Art.-No.
500 ml bottle	20	00-601N-005
1 L bottle	12	00-601N-010
5 L container	3	00-601N-050
10 L container	1	00-601N-100

DESCOSAN is a pH-neutral, skin-friendly washing lotion for washing hands and skin. Skin-friendly ingredients of premium quality along with refatting components protect the physiological integrity of the skin and the skin's natural protective barrier. This gives natural protection against drying out of the skin. DESCOSAN washing lotion is economical to use and contains premium quality ingredients which are particularly non-irritating for eyes and mucous membranes. Suitable for bathing and washing of infants and children. DESCOSAN is free from alkalis and soap.

prolind sensitive

protection and care for sensitive and strained skin

The hands of the personnel in health care facilities are the most important and at the same time the most stressed working tools. The frequent washing of hands, a prolonged wearing of gloves and the handling of chemicals affect the skin. The excessive straining of the skin's ability for regeneration may result in a disruption of the natural protective function; due to this allergies could be caused. The selection of suitable products is an indispensable prerequisite for an ideal protection and care of the hands and to prevent them from permanent damaging. The main target has to be to compensate for the stresses of daily routine and to keep the hands healthy. This can on the one hand be achieved by skin-care or skin-protective ingredients and on the other by cutting out the allergy-triggering substances. The prolind sensitive series was developed with the aim of preventing allergic reactions and in order to care for and protect the skin as good as possible. The result is a series that is complete without the addition of fragrances and dyes and which optimally combines high quality, protective and nourishing ingredients.





OPTIWASH®

wet disposable wash gloves for whole-body washing

- cleaning and care - without water, soap and towels
- for warm or cold use
- dermatologically tested



The wet OPTIWASH® disposable wash gloves made of soft non-woven material are suitable for gentle and professional cleansing of the whole body or individual body parts, especially for immobile patients. Each resealable pack contains 10 wash gloves with which all areas of the patient's body can be cleaned (see illustration on the packaging).

At this, OPTIWASH® disposable wash gloves can be used either warm, which is very comfortable for the patient, or cold, in cases of feverish patients or during hot summer months. By using a very mild, natural tenside along with caring active ingredients such as aloe vera, allantoin and glycerine, OPTIWASH® has not only gentle cleansing but also skin soothing properties as well as a pleasant scent.

Moreover, OPTIWASH® wash gloves ensure a hygienic cleansing of the body as the transmission of germs from one part of the body to other body regions is prevented because the wipes are discarded after use, contrary to using conventional washing utensils, OPTIWASH® disposable wash gloves are ready to use. As OPTIWASH® wash gloves do not require any reprocessing they are not only time but also money saving (electricity, water, washing agent) if compared with conventionally used towels and washcloths.

OPTIWASH® wet disposable wash gloves therefore provide a hygienic and cost effective solution for partial or whole-body cleaning of a patient.



wet gloves

Single unit	Unit	Art.-No.
1 flowpack à 10 gloves (size 14 x 23 cm)	24	00-639NK-T010



Desotex skin care wipes

The Dr. Schumacher business group is not only a specialist in the production of disinfection, cleaning and cosmetic products, beyond that they also belong to the leading companies within Europe that produce dry and wet wipes for any application area. This unique synergy of competence in production of various soaking solutions and highly modern technologies in manufacturing and design of disposable wipe products ensures an outstanding product quality and an extraordinary user, respectively patient comfort and efficiency.



DESOBATH WIPES

wet wipes for cleansing of the body and sensitive body areas

- ideal for cleansing patients and caring for them
- with panthenol and allantoin
- no rinsing off required

DESOBATH WIPES made of thick, soft, non-woven material, are suitable for gentle and professional cleaning of immobile patients. Each re-sealable pack contains 10 wet DESOBATH WIPES that can be used either warm or cold. By using a very mild, natural tenside along with caring active ingredients such as panthenol and allantoin, DESOBATH WIPES have gentle cleansing and skin soothing properties. DESOBATH WIPES are designed for single use and ensure a hygienic cleaning of the body. If the wipes are discarded after each use, a transmission of germs from one part of the body to other body regions will be avoided. DESOBATH WIPES are ready-to-use, individually removable and quickly on hand for use.



NEW

washcloth

Single unit	Unit	Art.-No.
1 flowpack à 10 wipes (size 22 cm x 33 cm)	16	00-604DW1-T010

DESODERM

CARE WIPES

wet wipes

- cleansing and purifying
- extra-soft non-woven fabric
- alcohol and fragrance-free

DESODERM CARE WIPES are intended for gentle cleansing and care of especially sensitive skin. DESODERM CARE WIPES are very soft and pleasant on the skin. They are impregnated with a mild lotion containing plant based surfactants and skin-care agents such as aloe vera extract, allantoin und glycerine. DESODERM CARE WIPES have a cleaning effect as well as a caring and soothing effect on the skin. The excellent quality of the wipes supports the dispensation of the caring and cleansing substances onto the skin.



NEW

Single unit	Unit	Art.-No.
1 flowpack à 80 wipes (size 18 x 20 cm)	12	DT-639NK-T080

BABY WIPES SENSITIVE

cleansing wipes for mild baby care

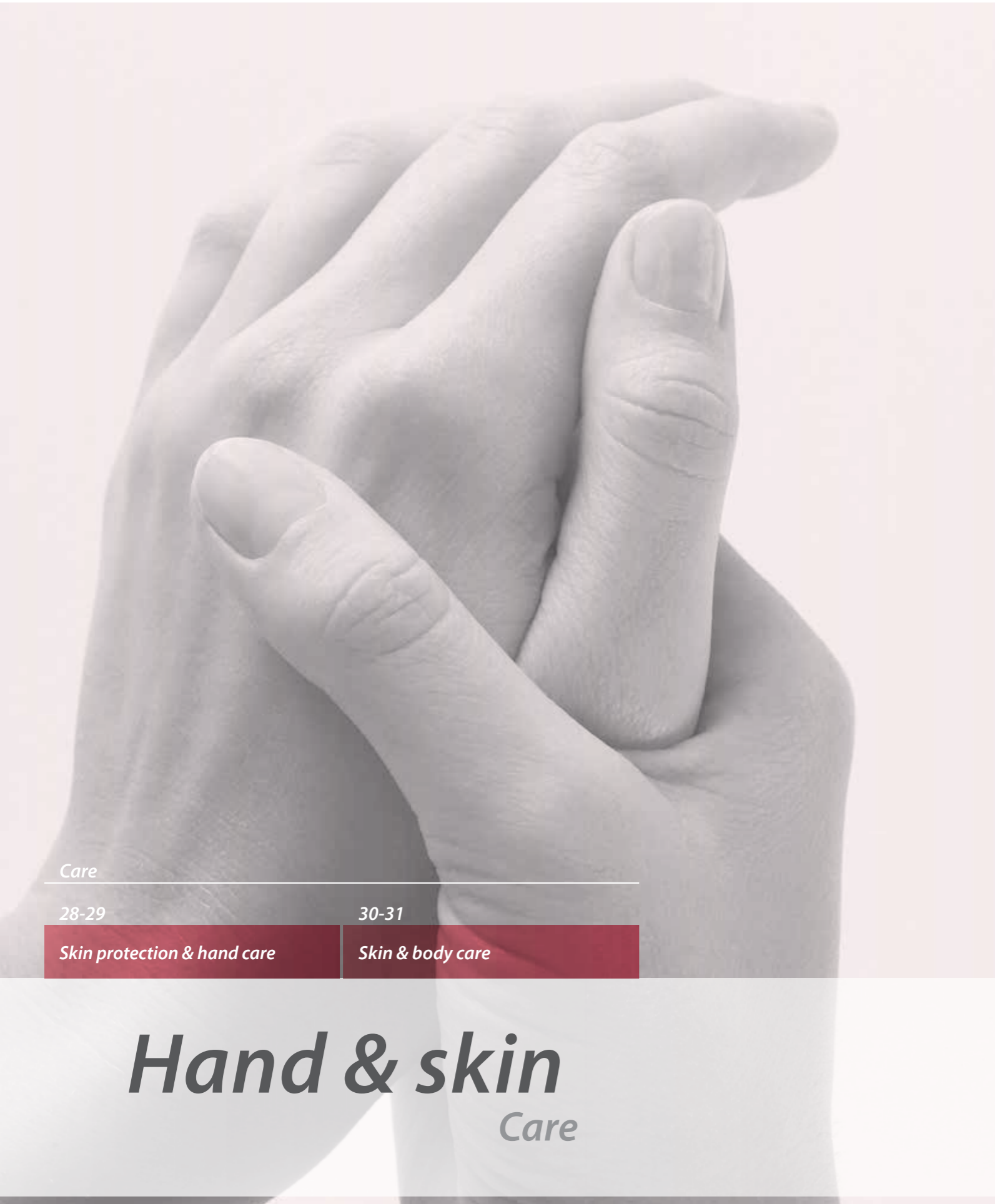


- with aloe vera & allantoin
- free from perfume, alcohol, colourants, polyethylene glycol (PEG) and mineral oil
- composition with skin-friendly pH-value
- skin compatibility clinically tested

Care Zone BABY WIPES SENSITIVE are particularly suited to the needs of the baby's sensitive skin and can be used for cleansing all parts of the body. The mild composition has been recommended by the DAAB (German Allergy and Asthma Association) and is even suitable for application with neurodermatitis).



Single unit	Unit	Art.-No.
1 flowpack à 80 wipes (size 18 x 20 cm)	12	01-639NK-T080



Hand & skin Care

Daily use of liquid-tight gloves, frequent hand washings as well as many medically used substances and materials cause stress for the skin.

Without regular care the skin quickly dries out and the lipid barrier starts to break. As a consequence the skin gets chapped and its protective function is strongly affected – germs may penetrate into the body and cause infections.

Our product range offers skin-care products with high-quality care oils as well as moisturising and skin regenerating ingredients. It also offers especially mild washing lotions.

Mild cleaning and intensive care help to keep the skin healthy during daily stress.

O/W = Oil in water emulsion
W/O = Water in oil emulsion
E = Emulgator-free

	Ingredients									Product properties					application area						
	pH skin-neutral	humectant	lipid replenisher and/or botanical oils	skin regenerating care agents	silicone-oil-free	paraffin-free	PEG-free	colourant-free	perfume-free	preservative-free	emulsion type	crème	lotion	foam	useable in dispensers	cooling effect	hypoallergenic formula	normal skin	dry skin	very dry skin	sensitive skin
BIALIND	✓			✓	✓	✓		✓		O/W		✓		✓			✓				
JOBALAN	✓	✓	✓	✓	✓	✓	✓	✓		O/W		✓		✓				✓	✓		
DESOLIND PROTECT	✓		✓	✓	✓		✓	✓		W/O	✓						✓				
prolind Pflegecreme sensitive	✓	✓	✓		✓		✓	✓	✓	O/W	✓			✓		✓	✓	✓			✓
prolind Intensiv-Pflegecreme sensitive	✓	✓	✓	✓	✓		✓	✓	✓	W/O	✓					✓		✓	✓	✓	✓
prolind Hautschutzcreme sensitive	✓		✓	✓	✓		✓	✓	✓	E		✓		✓		✓		✓	✓	✓	✓
DESCOMED	✓	✓		✓	✓	✓		✓						✓			✓	✓	✓		
DESCOMED ÖLBAD	✓	✓	✓	✓	✓		✓										✓	✓	✓		
DESOLIND BALM	✓	✓	✓	✓		✓	✓	✓	✓	O/W			✓					✓	✓	✓	✓
DESCO VITAL	✓		✓		✓	✓	✓	✓				✓		✓	✓		✓	✓	✓		
DESCO PINOL	✓		✓		✓	✓	✓					✓		✓	✓		✓	✓	✓		

Care

28-29

30-31

Skin protection & hand care

Skin & body care

Hand & skin Care



BIALIND®

skin care lotion for hands and skin

- absorbs quickly into the skin without greasy residues
- contains allantoin to support the regeneration of the skin
- adapted to the skin's pH-value

BIALIND® is an oil-in-water emulsion for stressed skin. BIALIND® nurtures and protects skin stressed by frequent washing and hand disinfection. Ideally suited for medical and health care personnel, as it is quickly absorbed into the skin without leaving greasy residues. Daily working procedures are thus not disturbed by frequent application. The lotion contains allantoin, a special skin-caring and skin-regenerating component.

Single unit	Unit	Art.-No.
100 ml tube	12	00-602-001
500 ml bottle	20	00-602-005



JOBALAN®

skin care lotion for hands and skin

- contains special skin-protecting ingredients for stressed skin
- particularly moisturising and skin-regenerating
- leaves a smooth protective film on the skin

JOBALAN® is an oil-in-water emulsion for very strained skin with special skin protecting ingredients such as oil from jojoba and grape seed, D-panthenol (provitamine B5) and vitamine C. Thus JOBALAN® has a particularly moisturising and regenerating effect on the skin. JOBALAN® contains vitamine E as a natural antioxidant and is free from silicon- and paraffin oils, polyethylene glycols (PEG) and alcohols. JOBALAN® is pH skin-neutral and absorbs quickly and thoroughly into the skin without leaving an oily feeling on the skin. JOBALAN® has a long lasting caring effect and forms a smooth, non-oily protective film.

Single unit	Unit	Art.-No.
100 ml tube	12	00-608-001
500 ml bottle	20	00-608-005



DESOLIND Protect

protection creme

- water-in-oil emulsion
- contains vitamin E and bees wax
- protects the skin from water-soluble substances

DESOLIND Protect has been specifically developed to protect the hands of personnel in their day-to-day work. As a water-in-oil emulsion it provides the skin with a protective film that helps to prevent damage, especially when the work involves moisture.

Single unit	Unit	Art.-No.
100 ml tube	12	DT-645-001

Pflegecreme sensitive

hypoallergenic care creme for sensitive and dry hands

- contains shea butter, almond oil and vitamin E
- for dry and sensitive skin
- free from perfume, colourants and preservatives

prolind Pflegecreme sensitive is outstandingly suitable for protecting and caring for hypersensitive skin. It contains particularly high quality and gentle ingredients which are able to prevent skin damage and/or compensate for incipient damage of the corneal layer. prolind Pflegecreme sensitive contains lipid replenishing substances such as almond oil, shea butter and paraffin oil. These can penetrate into the corneal layer to replace washed out lipids and form a protective film on the skin, helping to prevent further damage. A skin-friendly emulsifier based on castor oil benefits the lipid balance of the skin as it does not strip the skin of lipids. Humectants such as glycerine maintain the elasticity and stability of the corneal layer.



Single unit	Unit	Art.-No.
100 ml tube	12	00-620HC-001
500 ml bottle	20	00-620HC-005

Intensiv-Pflegecreme sensitive

hypoallergenic care creme for sensitive and very dry hands

- with avocado oil, panthenol, allantoin and vitamin E
- for sustainable care of sensitive skin and allergy-prone skin
- free from perfume, colourants and preservatives

prolind Intensiv-Pflegecreme sensitive is a water-in-oil emulsion for intensive and sustained care of strained hands. W-O-creams generally build a lipid-containing protective-film against hydrophilic substances; therefore the cream is not only caring but it also supports the skin's protective function. The premium quality and particularly rich ingredients such as vitamin E, allantoin, panthenol and glycerin support the regeneration of the skin. The skin's natural oils that have been washed off get replaced; the skin's moisture gets bound so that it becomes smooth and supple. Despite the rich formulation of prolind Intensiv-Pflegecreme sensitive it is quickly absorbed which allows for an immediate resume of work. prolind Intensiv-Pflegecreme sensitive is perfume-, colourant- and preservative-free; furthermore it is free from silicone oils and polyethylene-glycol (PEG).



Single unit	Unit	Art.-No.
100 ml tube	12	00-620WO-001

Hautschutzcreme sensitive

hypoallergenic skin protecting and caring lotion

- with shea butter
- for sensitive and dry to very dry skin
- free from perfume, colourants and preservatives

prolind Hautschutzcreme sensitive is outstandingly suitable for protecting and caring for hypersensitive skin. It contains particularly high quality and gentle ingredients which are able to prevent skin damage and/or compensate for incipient damage of the corneal layer. prolind Hautschutzcreme sensitive contains hamamelis extract, an adstringent substance that consolidates the skin's surface. A swelling of the skin when wearing gloves, for example, is hence slowed down. Lipid-replenishing substances such as shea butter and paraffin oil can penetrate into the corneal layer to replace washed out lipids and form a protective film on the skin. Humectants such as glycerine maintain the elasticity and stability of the corneal layer. prolind Hautschutzcreme sensitive is manufactured without emulsifiers and hence particularly kind to the skin.



Single unit	Unit	Art.-No.
100 ml tube	12	00-620HS-001
500 ml bottle	20	00-620HS-005



DESCOMED

skin cleansing foam

- mild cleansing without using water and soap
- for very sensitive skin
- deodorising effect

DESCOMED skin cleansing foam is a ready to use foam for mild skin cleansing and skin-care, especially for bedridden, incontinent and stoma patients. DESCOMED skin cleansing foam is pH skin-neutral and contains very mild cleansing agents which are particularly well tolerated by the skin and mucous membranes. The moisturising effect of D-panthenol and allantoin supports the regeneration of extremely stressed skin, eases skin irritations and redness and offers special care for chapped skin. DESCOMED skin cleansing foam can also be used for baby care.

Single unit	Unit	Art.-No.
500 ml aerosol can	12	00-604-005



DESCOMED Ölbad

medical oil bath for skin care

- intensive care for especially dry and sensitive skin
- contains valuable skin-caring oils
- with aloe vera, panthenol and vitamin E

DESCOMED Ölbad is a medical oil bath which is used as a bath additive to support the treatment of dry, scaly and stressed skin. Its high-quality skin-caring ingredients such as extracts of aloe vera, canola oil and jojoba oil are well tolerated by the skin and mucous membranes. D-panthenol helps to ease skin irritation and redness and supports the regeneration of chapped skin. DESCOMED Ölbad provides an excellent moisturising effect and is especially suitable for incontinent, stoma or bed-ridden patients and for prophylaxis of decubitus as well as for persons suffering from seborrhoea and inflammable reactions of the skin.

oil bath

Single unit	Unit	Art.-No.
250 ml PET-bottle	9	00-609-0025
500 ml bottle	6	00-609-005
2 L bottle	6	00-609-020



DESOLIND BALM

skin care for highly stressed and damaged skin

- contains 10% urea
- absorbs into the skin quickly, very economical to use
- soothes itching

A smooth and soft foam lotion for body care, especially for dry and demanding skin and for skin prone to irritation. Urea as a component of DESOLIND Balm, increases the water-binding capacity of the corneal layer and thus prevents problems caused by dehydration of skin.

Single unit	Unit	Art.-No.
250 ml aerosol bottle	10	DT-950-0025

DESCO VITAL

vitalising gel to be rubbed into the skin

- vitalising and circulation-enhancing for skin
- contains high-quality essences from medicinal herbs
- excellent skin sensation due to optimized refatting ingredients

DESCO VITAL Gel is a hydrogel with valuable essences of medicinal herbs of spruce needles, eucalyptus, juniper and thyme for the stimulation of the blood flow of skin and tissue. It is ideally suited for sports and curative massage, general nursing care, decubitus prophylaxis for the intact skin of bedridden patients as well as all other medical areas demanding a cooling and relaxing effect on muscles. DESCO VITAL Gel is based on pure ethanol and contains refatting ingredients which are particularly well tolerated by the skin.



vitalising

Single unit	Unit	Art.-No.
100 ml tube	30	00-605-001
500 ml bottle	20	00-605-005

DESCO PINOL

vitalising solution for skin care

- vitalising and circulation enhancing
- contains valuable essences of medicinal herbs
- pleasant cooling and muscle-relaxing effect

DESCO PINOL is a solution based on isopropyl alcohol with high-quality essential oils of spruce needles, juniper berry and pine-needles to stimulate the blood flow of the skin and tissue. DESCO PINOL has as pleasant cooling and relaxing effect on muscles and skin and activates the muscles after exhausting activities. Especially suitable for sports and curative massage as well as for general nursing care. Also suitable for cooling compresses and foot care. DESCO PINOL contains refatting ingredients to protect the lipid layer of the skin and to prevent the skin from drying-out.



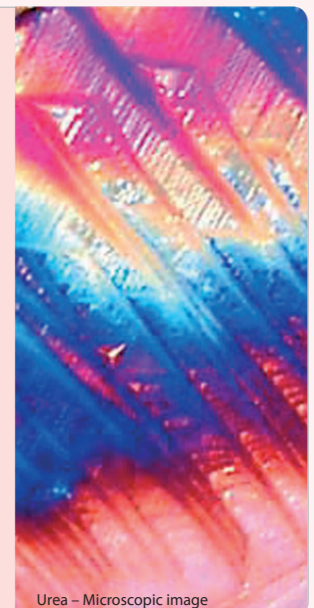
vitalising

Single unit	Unit	Art.-No.
250 ml spray bottle	30	00-606-00255
1 L bottle	10	00-606-010

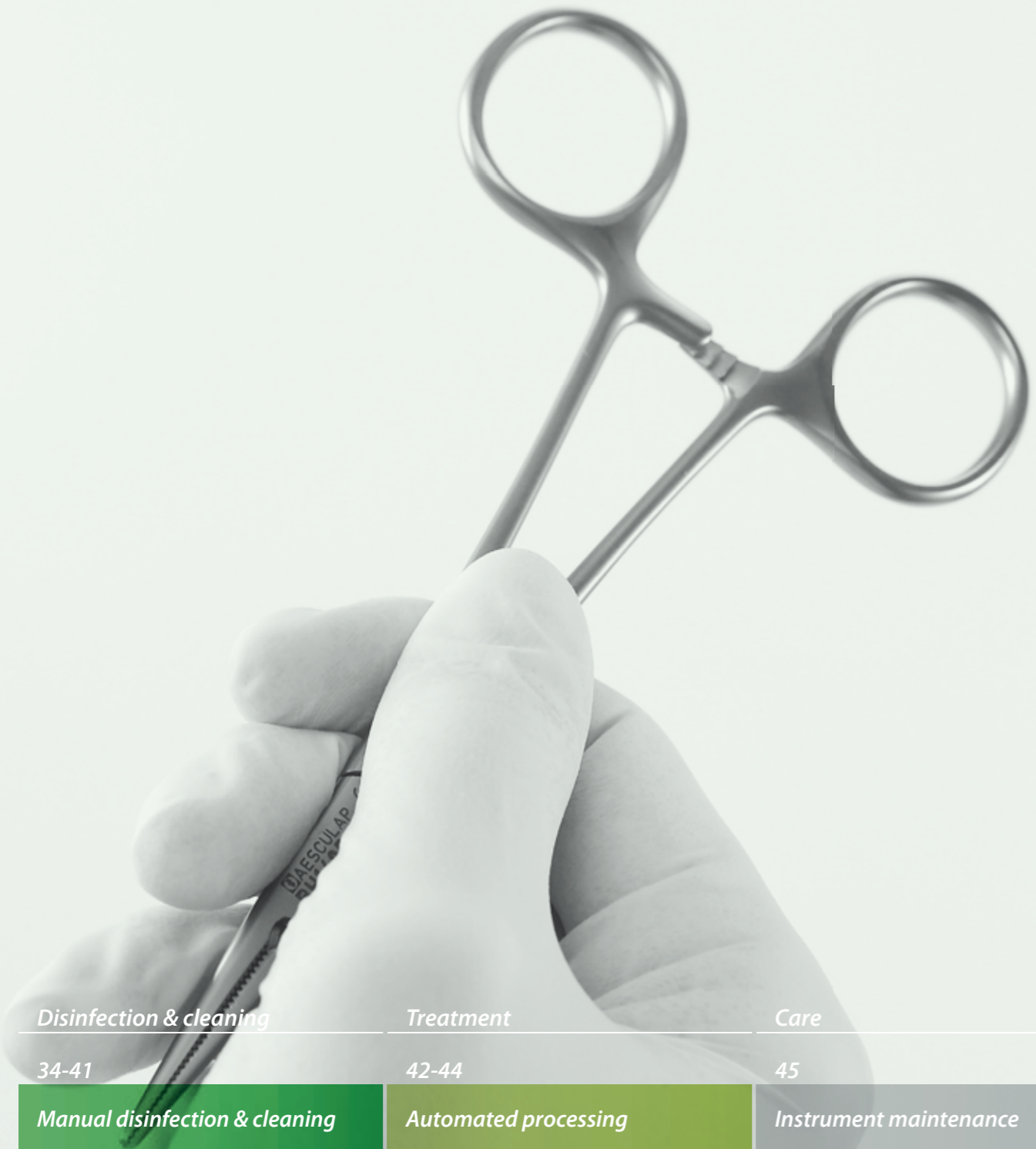
The significance of urea for dry skin

Urea is a constituent of the so-called natural moisturising factors, abbreviated as NMF, a complex of different active agents in the skin that bind moisture in the skin and so keep it smooth and elastic. The NMF contains many other substances apart from urea, such as glycerine, pyrrolidonic carboxylic acid, lactic acid, amino acid and further components. With the artificial supply of urea for dry or very dry skin

with the help of a skin care product the moisture retaining capacity of the skin can be restored temporarily. If products containing urea are used regularly the barrier function of the skin will improve or be restored, a fact that could be verified in different studies on dry skin. In this context the skin's tolerance towards irritant substances increased as well.



Urea – Microscopic image



Disinfection & cleaning
34-41

Treatment
42-44

Care
45

Manual disinfection & cleaning

Automated processing

Instrument maintenance

Instruments

Disinfection, cleaning, treatment & care

Instruments

Disinfection, cleaning, treatment & care

Medical devices contaminated with pathogenic germs can be sources of infections for human beings.

A safe disinfection efficacy, a broad activity spectrum as well as good cleaning properties are the basic requirements for the development of instrument disinfectants.

Equally important is a high degree of user-friendliness of the final product.

To achieve the lowest possible content of hazardous substances and thus to increase the level of convenience and safety for the user and the environment is an essential quality criterium for all of our products. Furthermore our products are developed with additional focus on material compatibility.

	Application	Application area			Active agents					Features			Efficacy spectrum					List- ing	Product type																		
		surgical instruments	flexible endoscopes	rigid endoscopes	TEE-probe	ultrasound bath	cleaning	disinfection	virucidal final disinfection	peracetic acid	QAC	alkylamines	glutaraldehyde	enzymes	low-odour	gentle on material	corrosion protection		pH-neutral	bactericidal	yeastocidal (C. albicans)	tuberculocidal	sporicidal	active against all enveloped viruses incl. HBV/HIV/HCV	virucidal	VAH	RKI (Robert-Koch-Institute)	concentrate	ready to use								
NEW	PERFEKTAN® active	✓	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
NEW	PERFEKTAN PAA	✓	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
	PERFEKTAN NEU	✓	✓	✓		✓	✓	✓			✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
	PERFEKTAN TB	✓		✓		✓	✓	✓			✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	PERFEKTAN extra	✓	✓	✓		✓	✓	✓			✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	PERFEKTAN ENDO	✓	✓	✓		✓	✓	✓			✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	DESCOTON EXTRA	✓	✓	✓			✓	✓				✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	DESCOTON FORTE	✓	✓	✓			✓	✓				✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	DESCOTON 2% GDA	✓	✓	✓	✓		✓					✓		✓			✓	✓	✓	✓	✓	✓	✓	✓											✓	✓	
	DESCO CLEANER	✓				✓	✓							✓																					✓	✓	✓
	PLURAZYME extra	✓	✓	✓		✓	✓					✓		✓	✓	✓	✓	✓																	✓	✓	✓
	INSTRU PLUS	✓	✓	✓		✓	✓							✓	✓	✓	✓																		✓	✓	✓

PERFEKTAN® active

powder concentrate for instrument disinfection based on peracetic acid

- virucidal according to RKI/DVV
- extensive material compatibility
- superior cleaning performance
- completely soluble

Product properties

PERFEKTAN® active is a highly effective powder concentrate for manual disinfection of all kinds of medical instruments. This product is a low dusting powder which dissolves fast and complete in water for a reliable and safe application. PERFEKTAN® active is based on the active agent peracetic acid generated in mild alkaline solution. This product combines excellent antimicrobial properties and superb material compatibility. With PERFEKTAN® active the fixation of proteins will be prevented and a safe disinfection even in difficult conditions is provided. PERFEKTAN® active masters difficult conditions.

Composition

Active ingredients:
Peracetic acid (in-situ) > 850 ppm (1 % solution).
Ingredients acc. to Detergents Regulation 648/2004/EC:
PERFEKTAN® active contains
< 5% non-ionic surfactants, phosphonates
> 30% sodium percarbonate

Application

For manual pre-cleaning of endoscopes preceding thermo-chemical treatment. For manual disinfection of medical devices of all kinds (surgical instruments, anesthetic equipment) as well as for rigid and flexible endoscopes.

Delivery units

Single unit	Unit	Art.-No.
1 kg bucket	6	00-155-010
40 g sachet	100	00-155-0004



Instrument disinfection in **5 min.**
(acc. to VAH)

Concentrations and application times

Antimicrobial properties		1 min.	5 min.	15 min.	30 min.	60 min.
instrument disinfection acc. DGHM/VAH/EN14561/EN14562 (bactericidal, yeasticidal)	dirty conditions		1,0 %			
instrument disinfection acc. DGHM/VAH/EN14563 (tuberculocidal)	dirty conditions				2,0 %	1,0 %
instrument disinfection acc. DGHM/VAH/EN14562 (fungicidal, Aspergillus brasiliensis)	dirty conditions				3,0 %	2,0 %
active against all enveloped and non-enveloped viruses incl HBV/HIV/HCV (virucidal)	acc. RKI/DVV				2,0 %	1,0 %
	Polio virus				2,0 %	1,0 %
	Adeno virus			0,5 %		
	Papova virus / SV40		1,0 %	0,5 %		
	Vaccinia virus	0,25 %				
sporicidal (Clostridium difficile)	acc. EN 13704			2,0 %	1,0 %	0,5 %

PERFEKTAN® PAA

liquid concentrate for manual instrument disinfection two component concentrate: base & activator

- for rigid and flexible endoscopes
- immediate activity
- complete spectrum of efficacy

Product properties

Perfektan® PAA is a highly effective concentrate for manual instrument disinfection for use with all kinds of surgical instruments. Perfektan® PAA is easy to use because its liquid 2-component formulation allows for immediate activity and avoids the lengthy process of preparing working solutions from powder based products. Perfektan® PAA achieves highest efficacy due to the liquid peracetic activator in combination with the base component. Even at high levels of organic soiling, Perfektan® PAA suitable for instrument disinfection in all cases where maximum efficacy and rapid action are requested by the user.

Range of application

For manual pre-cleaning of endoscopes preceding thermo-chemical treatment. For manual disinfection of medical devices of all kinds (surgical instruments, anesthetic equipment) as well as for rigid and flexible endoscopes.

Application

In order to prepare a 1% working solution the whole content of the 2x 100 ml bottles has to be diluted in 10 l water (2% = 5 l). Concentrate base component and concentrate activator must be used always together. IMPORTANT: It has to be ensured that there is no contact between concentrate base component and concentrate activator while filling the whole content of the two bottles into the water. Both bottles have to be emptied completely. Concentration and contact time should not be exceeded.

Antimicrobial properties

- bactericidal (incl. MRSA)
- tuberculocidal
- mycobactericidal
- yeasticidal
- virucidal
- sporicidal



Delivery units

Single unit	Unit	Art.-No.
2 x 100 ml bottle	4 x 2	00-157-001

Dosage

Dosage	1 %	2 %
5 litres	--	1 x bottle set
10 litres	1 x bottle set	2 x bottle set

Concentrations and application times

Antimicrobial properties		1 min.	5 min.	15 min.	30 min.	60 min.
instrument disinfection acc. DGHM/VAH/EN14561/EN14562/EN14563 (bactericidal, yeasticidal, mycobactericidal)	dirty conditions		2,0 %			1,0 %
active against all enveloped and non-enveloped viruses incl HBV/HIV/HCV (virucidal)	acc. EN 14476, clean conditions			2,0 %		
	Polio virus			2,0 %		
	Adeno virus		1,0 %			
	Noro virus (MNV)		1,0 %			
sporicidal (Clostridium difficile)	acc. EN 13704, dirty conditions		2,0 %		1,0 %	

VAH/DGHM
CE 0482

PERFEKTAN® NEU

aldehyde free concentrate for instrument cleaning and disinfection

- tuberculocidal
- excellent cleaning power
- ideal for cleaning of surgical instruments in ultrasound baths

PERFEKTAN® NEU is a liquid concentrate based on alkylamine as active ingredient. The efficient aldehyde-free and phenol-free formulation with excellent cleaning power ensures user-friendly instrument reprocessing with a high degree of material compatibility. The product is non protein-fixing and ideally suited for non-protein fixing pre-cleaning of instruments and endoscopes.



tested and approved by
STORZ

aldehyde-free

Single unit	Unit	Art.-No.
1 L dosage bottle	10	00-136-010
2 L bottle	6	00-136-020
5 L container	3	00-136-050

Antimicrobial properties	Directions for use	
bactericidal incl. MRSA, yeasticidal acc. to VAH/DGHM	Instrument disinfection acc. to German guidelines/VAH/DGHM: dirty conditions:	
tuberculocidal		1 % 60 min.
active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus		2 % 30 min. 3 % 15 min.
Active ingredients in 100 g 3.6 g N-(3-aminopropyl)-N-dodecylpropan-1,3-diamine		

CE 0482

PERFEKTAN® extra

disinfection cleaner for instruments

- aldehyde-free preparation with excellent cleaning power
- antibacterial and virus inactivating cleaning in one step
- high degree of material compatibility

PERFEKTAN® extra is a powerful instrument cleaner with excellent cleaning power and a high degree of material compatibility. PERFEKTAN® extra contains very efficient corrosion-inhibitors and is free from aldehydes and phenols. Due to its excellent cleaning power, an antibacterial and virus inactivating cleaning for instruments is possible in a single step. Fixation of proteins is prevented by the aldehyde-free formulation.



aldehyde-free

Single unit	Unit	Art.-No.
2 L bottle	6	00-144-020EXP
5 L container	3	00-144-050EXP

Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to EN 1276/EN 1650/EN 13624/EN 13727	Antimicrobial cleaning acc. to European standards/ EN 1276/EN 1650/EN 13727 clean conditions:
tuberculocidal acc. to EN 14348	
active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus	
Active ingredients in 100 g 5.63 g didecylloxethylmethyl ammonium propionate, cationic surfactants < 5 %, non-ionic surfactants 5 - 15 %	

VAH/DGHM
CE 0482

PERFEKTAN® TB

disinfectant for instruments

- aldehyde-free preparation with strong cleaning power
- high degree of material compatibility
- pleasant odour

PERFEKTAN® TB is an instrument disinfectant for daily use in medical environments. The product is highly economical to use and combines a high degree of material compatibility and strong cleaning power. The excellent antimicrobial activity ensures a high degree of personal protection during instrument reprocessing. Due to its aldehyde-free formulation, Perfektan® TB possesses a pleasant odour and can be used with all kinds of medical instruments.



aldehyde-free

Single unit	Unit	Art.-No.
1 L dosage bottle	10	00-122-010
2 L bottle	6	00-122-020EXD
5 L container	3	00-122-050EXD

Antimicrobial properties	Directions for use	
bactericidal incl. MRSA, yeasticidal acc. to VAH/DGHM/EN 13624/EN 13727/EN 1276/EN 1650	Instrument disinfection acc. to German guidelines/VAH/DGHM: dirty conditions:	
tuberculocidal		1 % 60 min.
active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus		2 % 30 min. 3 % 15 min.
active against Polio virus (at 50 °C) and Rota virus and Papova / Polyoma virus		
Active ingredients in 100 g 3.75 g Cocosporylendiaminguanidiniumdiacetate 5.63 g Didecylloxethylmethylammoniumpropionate		

VAH/DGHM
CE 0482

PERFEKTAN® ENDO

aldehyde free concentrate for instrument cleaning and disinfection

- high degree of material compatibility
- ideal for disinfecting pre-cleaning of endoscopes
- excellent cleaning power

PERFEKTAN® ENDO is an instrument disinfectant with strong cleaning power and a high degree of material compatibility based on a patented active substance principle. Perfektan® Endo is especially suited for aldehyde-free and phenol-free disinfecting and non protein-fixing pre-cleaning of instruments and endoscopes. Due to its excellent antimicrobial activity, the product ensures a high degree of personal protection during instrument reprocessing. Disinfection of medical instruments. Ideal for non-protein fixing disinfecting pre-cleaning of medical instruments and endoscopes. Suitable for use in ultrasound baths.



tested and approved by
OLYMPUS-WINTER &
IBE, WOLF

aldehyde-free

Single unit	Unit	Art.-No.
1 L dosage bottle	10	00-121-010
2 L bottle	6	00-121-020
5 L container	3	00-121-050EXP

Antimicrobial properties	Directions for use	
bactericidal incl. MRSA, yeasticidal acc. to VAH/DGHM/EN 13624/EN 13727/EN 1276/EN 1650	Instrument disinfection acc. to German guidelines/VAH/DGHM: dirty conditions:	
tuberculocidal		1 % 60 min.
active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus		2 % 30 min. 3 % 15 min.
active against Rota virus and Papova / Polyoma virus		
Active ingredients in 100 g 3.75 g Cocosporylendiaminguanidiniumdiacetate 5.63 g Didecylloxethylmethylammoniumpropionate		

VAH/DGHM
CE 0482

virucidal in
30 min.



DESCOTON extra

disinfectant for instruments and endoscopes

- virucidal acc. to RKI RKI/DVV guidelines
- formaldehyde free product with strong cleaning power
- high degree of material compatibility – suitable for endoscope reprocessing

DESCOTON extra is a fast-acting virucidal liquid concentrate for disinfection of endoscopes and all kinds of surgical instruments. The formaldehyde-free formulation combines economical dosage concentrations, a broad spectrum of activity including virucidal, tuberculocidal and sporicidal effect and a high degree of material compatibility. DESCOTON extra is ideally suited for virucidal final disinfection of flexible and rigid endoscopes and of all kinds of medical instruments.

approved for
PHILIPS
TEE-Probes

tested and approved by
STORZ

virucidal

Single unit	Unit	Art.-No.
1 L dosage bottle	10	00-150-010
2 L bottle	6	00-150-020
5 L container	3	00-150-050

Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/DGHM	Instrument disinfection acc. to German guidelines/VAH/DGHM: dirty conditions: 1 % 60 min.
tuberculocidal	
sporicidal	
active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus	
virucidal incl. Polio virus/Adeno virus /Papova/ Polyoma virus	
Active ingredients in 100 g 12.0 g Glutaral	

VAH/DGHM
RKI A
CE 0482

DESCOTON forte

powerful disinfectant for instruments and endoscopes

- virucidal acc. to RKI/DVV guidelines
- high degree of material compatibility – suitable for endoscope reprocessing
- RKI listed for disinfection in cases of epidemics

DESCOTON forte is a highly active, virucidal liquid concentrate for disinfection of endoscopes and all kinds of surgical instruments. DESCOTON forte is economical to use and combines a broad spectrum of activity including virucidal, tuberculocidal and sporicidal efficacy with a high degree of material compatibility. It is ideally suited for final disinfection of all kinds of medical instruments.



tested and approved by
PENTAX, STORZ,
OLYMPUS-WINTER &
IBE, WOLF

approved for
HETTICH
Zentrifugen

Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/DGHM	Instrument disinfection acc. to German guidelines/VAH/DGHM: dirty conditions: 2 % 60 min. 3 % 15 min.
tuberculocidal acc. to EN 14348/EN 14563	
sporicidal	
active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus	
virucidal incl. Polio virus/Adeno virus /Papova/ Polyoma virus /Hepatitis A virus	
Active ingredients in 100 g 7.6 g Formaldehyde, 4.5 g Glutaral	

virucidal

Single unit	Unit	Art.-No.
1 L dosage bottle	10	00-101-010
2 L bottle	6	00-101-020
5 L container	3	00-101-050

CE 0482



tested and approved by
STORZ

ready to use

DESCOTON 2 % GDA

ready to use disinfectant for instruments and endoscopes

- based on glutaraldehyde
- gentle to materials – suitable for endoscope reprocessing
- fast acting

DESCOTON 2 % GDA is a ready to use product based on the well-proven active substance glutaraldehyde. It is suitable for disinfection of medical instruments including flexible and rigid endoscopes.

Single unit	Unit	Art.-No.
5 L container	3	00-135-050EXP

Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/DGHM/EN 13727/EN 13624	Instrument disinfection acc. to German guidelines/VAH/DGHM: dirty conditions: 5 min.
tuberculocidal acc. to EN 14348	
sporicidal (Clostridium difficile)	
active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus	
Active ingredients in 100 g 2.0 g Glutaral	

Manual reprocessing of instruments

Manual cleaning and chemical disinfection of instruments

To provide excellent disinfection results in the reprocessing of surgical instruments, disinfection products with a reliable disinfectant effect, a broad activity spectrum and a good cleaning performance are necessary. Besides an excellent product quality also the procedures applied to clean and disinfect medical devices are key for optimal hygiene. To learn more about the required procedures, please refer to our brochure „Guideline - Manual cleaning and chemical disinfection of instruments“, in which we explain the cycle of instrument reprocessing following the DGSV (German Society for the Supply of Sterilized Materials) as well as the RKI (Robert Koch Institute).



Cleaning of medical devices

DIN EN ISO 17664 defines cleaning as the removal of stains from an object to the degree required for further processing or the intended use.

Efficient cleaning of medical devices is a prerequisite for efficient disinfection and - if required - subsequent sterilization. Manual cleaning is performed using suitable cleaning agents. Cleaning agents differ in their ingredients (surfactants, enzymes and disinfectants) and their pH value (slightly alkaline, highly alkaline and pH-neutral). The cleaning of medical devices can be performed with cleaning accessories, e.g. brushes.

It is important that the cleaning accessories do not cause damage to the instruments, e.g. scratching of instruments by the use of metal brushes. Where the cleaning of hollow instruments is concerned, the manufacturer is either required to recommend suitable brushes, or to provide information about the diameter and length of the brushes. Cleaning accessories that can be sterilized by a machine or disposable cleaning accessories are preferable. To avoid contamination with potentially

infectious materials, cleaning of medical devices must not be performed under a strong jet of water.

If brushes are used for the cleaning, the brushing must only be done below the liquid's surface because of the risk of splashing. Ultrasonic baths can be used to support the cleaning.



DESCO CLEANER

powder cleaner for instruments

- outstanding cleaning power
- especially suitable for cleaning procedures with ultrasound
- fast acting

DESCO CLEANER is an alkaline powder cleaner for rapid and extremely thorough self-acting cleaning of instruments and medical devices made of metal, synthetic material, ceramics, glass and porcelain. Especially when medical instruments are heavily soiled with residues from blood or protein, DESCO CLEANER is the ideal product to ensure properly cleaned instruments in all medical areas and laboratories. Suitable for use in ultrasonic baths.

power cleaner

Single unit	Unit	Art.-No.
1 kg box	6	00-115-010
5 kg bucket	1	00-115-050

Directions for use	
depending on bioburden level	0.5 % - 1 %



PLURAZYME® extra

tri-enzymatic cleaner for surgical instruments and endoscope reprocessing

- strong cleaning power
- concentrate for economical use
- ideal for ultrasonic cleaning
- excellent material compatibility

PLURAZYME® extra offers an excellent material compatibility and is therefore the ideal cleaning concentrate for manual reprocessing of surgical instruments and flexible endoscopes. It is economic in use and recommended for use in ultrasonic baths. PLURAZYME® extra offers an excellent cleaning performance due to the combination of highly surface active nonionic surfactants and a stabilised triple enzyme complex. The self-acting formula counteracts, penetrates and effectively removes all kinds of organic contaminations such as proteins, coagulated blood, mucus, vomit, fat and fecal matter even in hard-to-reach areas.



Directions for use			
Cleaning of instruments and endoscopes			
Dosage:	0.25 % - 0.4 %	Exposure time:	5 min.

Single unit	Unit	Art.-No.
1 l bottle	12	00-138-010EXP
5 l container	3	00-138-050EXP

INSTRU PLUS

liquid cleaner for instruments and endoscopes

- high degree of material compatibility - suitable for endoscopes
- additional cleaner for instrument disinfection
- compatible with all instrument disinfectants

INSTRU PLUS is a pH-neutral additional cleaner for use with instrument disinfectants for rapid and gentle cleaning of instruments and endoscopes as well as of medical devices made of metal, plastics, ceramics, glass, rubber and porcelain. INSTRU PLUS contains an effective corrosion inhibitor and features an outstanding degree of compatibility with most materials. As a pH-neutral liquid cleaner, INSTRU PLUS is especially suitable for the gentle cleaning of instruments with narrow lumen, such as e.g. endoscopes. INSTRU PLUS is ideally used as an additional cleaner in combination with the instrument disinfectants PERFEKTAN ENDO, PEFECTAN NEU, PERFEKTAN TB, DESCOTON forte, DESCOTON % 2 GDA AND DESCOTON extra. INSTRU PLUS is suitable for cleaning and disinfection procedures in combination with ultrasound.



PENTAX - listed

tested and approved by STORZ

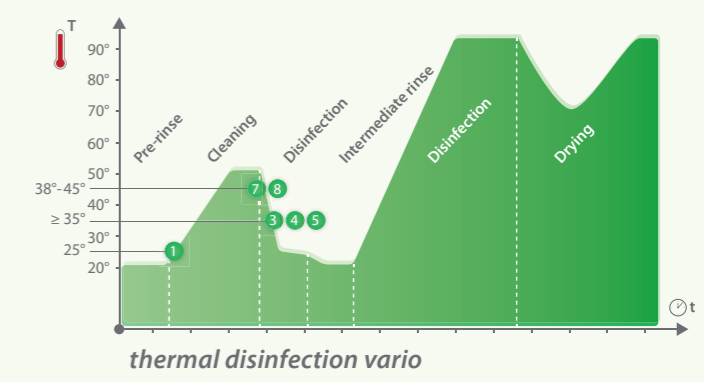
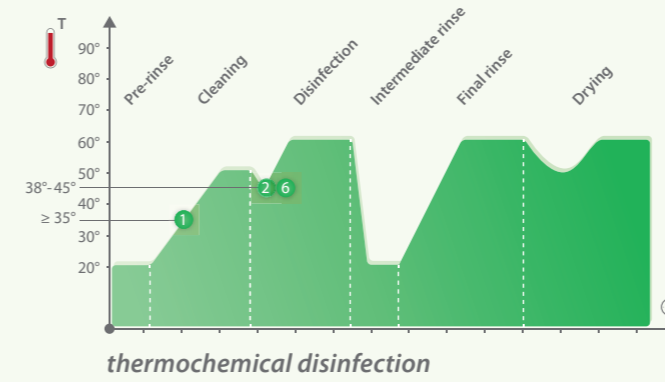
Directions for use	
Cleaning of instruments and endoscopes	
Dosage:	0.25 %
Exposure time:	2 - 15 min.

pH-neutral

Single unit	Unit	Art.-No.
2 L bottle	6	00-104-020EXD
5 L container	3	00-104-050EXD

THERMOTON® for all applications

To achieve a standardization of cleaning and disinfection it is best to use an automated procedure. Pre-cleaning of the instruments to be disinfected is a crucial feature for a subsequent effective disinfection/sterilization. With our Thermoton® product family we have established a product variety which can be used for all applications.



THERMOTON®



		NR	DESINFECTANT	N					
					CLEAR	NKB	BG	CLEANER	AP
Application	cleaner	•						•	•
	disinfectant		•				•		
	rinse aid				•	•			
	neutralizing detergent			•	•				
Application area	endoscopes	•	•						
	instruments	•		•	•	•	•	•	•
Features	prion active							•	•
	alkaline						•	•	•
	QAC-free	•		•	•	•	•	•	•
	chlorine-free	•	•	•	•	•	•	•	•
	gentle on materials	•	•	○	○	•	•	○	○
	pH-neutral	•				•			
	low foaming	•	•	•	•	•	•	•	•
	formaldehyde-free	•	•	•	•	•	•	•	•
Temperature range	< 60° C chemo-thermal process	•	•			•	•		
	> 60° C thermal process	•		•	•	•		•	
Delivery units*		5 L	5 L	5 L	5 L	5 L	5 L	5 L	10 kg

* larger sizes on request

• = accurate ○ = partly accurate



THERMO CLEAR

clear rinsing agent for thermal bedpan cleaning machines

- prevents calcification of bedpan washing machines
- ensures spotless drying of the bedpans
- low foaming

acidic pH

Single unit	Unit	Art.-No.
5 L container	3	00-127-050

THERMO CLEAR is suitable for chemo-thermal cleaning and disinfection of bedpans in thermal cleaning machines for bedpans. It ensures a spotless drying of the washed bedpans, prevents the bedpan cleaning machine from calcification and is low-foaming. THERMO CLEAR is biodegradable according to EU detergent regulation and it is based on citric acid.



THERMO ALKA CLEAR

clear alkaline rinsing agent for thermal bedpan washing machines

- prevents bedpan washing machines from calcification
- ensures spotless drying of the bedpans
- extremely low foaming

alkaline pH

Single unit	Unit	Art.-No.
4,25 L container	3	00-137-050

THERMO ALKA CLEAR is suitable for the chemothermal cleaning and disinfection of bedpans in thermal washing machines for all types of bedpans and especially approved for bedpans manufactured by Arjo, Getinge, ZK Kulimat as well as Kodra. THERMO ALKA CLEAR ensures a spotless drying of the bedpan, protects the washing machine from calcification and is extremely low foaming.



Bedpan rinsers – Hygiene monitoring

Bedpans and urinals can act as vehicles for the spread of microorganisms, particularly the pathogens that cause gastroenteritis. Processing this care equipment is therefore important. Because automatic processing of bedpan rinsers is more effective than manual processing, this type of processing is preferred.

The recommendation of regulatory authorities and public health offices is to check bedpan rinsing equipment annually (if used exclusively for care equipment) or every six months (if used for other medical devices). Thermal bedpan rinsers are generally checked using a data logger or thermal logger while chemo-thermal equipment is checked using biological indicators, e.g. metal process challenge devices contaminated with the bacterium *Enterococcus faecium*.

The public health offices will happily provide you with detailed information.

SPEZIAL ÖLSPRAY

maintenance spray for instruments

- based on medical-grade white oil
- for instrument maintenance prior to steam sterilisation
- optimal lubrication of moving instrument parts

SPEZIAL ÖLSPRAY is an aerosol spray based on medical-grade white oil for the maintenance of medical instruments and all kinds of steel devices, e.g. turbines, hinges, handpieces and angle pieces. It forms a fine, even protective layer on steel surfaces which provides an optimal lubrication of moving instrument parts and effective corrosion protection prior to steam sterilisation. SPEZIAL ÖLSPRAY can also be used for the maintenance of valves of rigid endoscopes.



Single unit	Unit	Art.-No.
500 ml aerosol spray	12	00-108-005EXD

SILIKONSPRAY

maintenance spray for instruments

- based on medical-grade silicone oil
- for instrument maintenance prior to hot-air sterilisation
- optimal lubrication of moving instrument parts

SILIKONSPRAY is an aerosol spray for the maintenance of medical instruments and all kinds of steel devices, e.g. turbines, hinges, handpieces and angle pieces. It forms a fine, even protective layer on steel surfaces which provides optimal lubrication of moving instrument parts and effective corrosion protection prior to hot-air sterilisation. SILIKONSPRAY can also be used for the maintenance of valves of flexible endoscopes.



Single unit	Unit	Art.-No.
500 ml aerosol spray	12	00-107-005

INSTRUMENTENMILCH

emulsion for instrument maintenance

- based on medical-grade white oils
- for instrument maintenance prior to steam sterilisation
- optimal lubrication of moving instrument parts

INSTRUMENTENMILCH is suitable for the maintenance of all kinds of instruments made of metal in the medical and dental area. The product provides a fine, even protective layer on the surface of the instruments prior to steam sterilisation and guarantees an optimal lubrication of moving instrument parts. The product is applied by immersion or with the help of automated washing machines.

Dosage/exposure times			
use in washing machines	0.3 g/l	manual use (by immersion)	3 %



Single unit	Unit	Art.-No.
5 L container	3	00-106-050EXP

Surfaces

Concentrates, rapid disinfection, wipe dispenser systems

Surfaces

concentrates, rapid disinfection, disinfection wipe systems

Disinfection and cleaning of surfaces are very important measures to maintain the hygiene standard in medical facilities such as hospitals, medical practices and nursing homes as well as in the food industry.

We offer fast acting preparations for combined cleaning and disinfection providing excellent cleaning abilities and a high degree of material compatibility. Due to the broad activity spectrum our products can also be used for high-risk areas.

	Application area			Product properties			Active agents			Efficacy spectrum					Listing		Product type			
	wet-wipe disinfection	Rapid disinfection	Cleaning	alcoholic	alcohol-free	perfume-free	peracetic acid	QAV	Aldehydes	Alkylamine	bactericidal	yeastocidal (C. albicans)	tuberculocidal	sporicidal	active against all enveloped viruses incl. HBV/HIV/HCV	virucidal	VAH	RKI	concentrate	ready to use
ULTRASOL® active	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ULTRASOL AF	✓		✓	✓				✓	✓		✓	✓	✓		✓				✓	
CLEANISEPT	✓	✓	✓	✓	✓			✓			✓	✓		✓			✓		✓	
BIGUANID FLÄCHE N	✓	✓	✓		✓			✓			✓	✓	✓		✓		✓		✓	
OPTISAL N	✓		✓	✓					✓		✓	✓	✓	✓			✓		✓	
OPTISEPT	✓		✓	✓				✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
NEW OPTISAL PLUS	✓	✓	✓		✓	✓		✓	✓		✓	✓	✓	✓			✓		✓	
NEW DESCOSEPT forte	✓	✓	✓	✓		✓					✓	✓			✓		✓			✓
DESCOSEPT pur	✓	✓	✓	✓		✓					✓	✓	✓	✓			✓			✓
DESCOSEPT AF	✓	✓	✓	✓				✓			✓	✓	✓	✓			✓			✓
DESCOSEPT RF	✓	✓	✓	✓							✓	✓	✓	✓						✓
DESCOSEPT spezial	✓	✓	✓		✓	✓		✓			✓	✓		✓			✓			✓
DESCOSEPT spezial WIPES	✓	✓	✓		✓	✓		✓			✓	✓		✓			✓			✓
CLEANISEPT WIPES / MAXI	✓	✓	✓		✓	✓		✓			✓	✓		✓			✓			✓
CLEANISEPT WIPES forte	✓	✓	✓		✓	✓		✓			✓	✓	✓		✓		✓			✓
NEW DESCOSEPT PUR WIPES RTU	✓	✓	✓	✓		✓					✓	✓	✓	✓			✓			✓
NEW DESCOSEPT SENSITIVE WIPES	✓	✓	✓	✓		✓					✓	✓	✓	✓			✓			✓
DESCOSEPT AF WIPES	✓	✓	✓	✓				✓			✓	✓	✓	✓			✓			✓

ULTRASOL® active

powder concentrate for surface disinfection based on peracetic active

- broad spectrum of activity
- superior cleaning performance
- excellent material compatibility

- VAH/DGHM
- RKI AB
- ÖGHMP
- IHO
- CE 0482



Surface disinfection in **5 min.**
(acc. to VAH)

Product properties

Highly effective powder concentrate for disinfecting and cleaning of all types of surfaces. ULTRASOL® active is a low dusting powder and therefore especially simple and safe in dosage.

ULTRASOL® active achieves the highest effectivity range due to the peracetic acid active agent generated in situ, in mild alkaline solution. This product realizes excellent cleaning power while offering superb material compatibility.

The efficacy of ULTRASOL® active is achieved even at high levels of organic contamination; dried-on blood can be easily and safely removed. This perfume-free and odourless product is especially suitable for disinfection in areas where maximum efficacy and outstanding cleaning performance are required.

Composition

Active agent:
Peracetic acid (in-situ) > 750 mg/L (1% solution)

Application

Preparation of ready-to-use solution (0.5 %) according to dosage chart: Take 4L of water (approx. 20 °C) and add the content of a level measuring spoon (20 g). After 15 min. with occasional stirring the formation of the active agent peracetic acid is completed and the solution is ready to use. Apply solution evenly and wipe relevant surface thoroughly. Use personal protective equipment. Rinse equipment with water after use.

Listings/Product status

Listed in the current surface disinfectant list of the DGHM/VAH.
Listed in the current surface disinfectant list of the ÖGHMP.
Listed in the IHO list for virucidal disinfectants

(www.iho-viruzidie-liste.de).
Listed in the RKI list for disinfection in cases of epidemics, efficacy sector AB.
Registered as a biocidal product at BAuA (German Institute for Employment Protection and Occupational Medicine): baua Reg. No.: N-52958
Conforms to the guideline 93/42/EC for medical devices.
Product for professional use only.

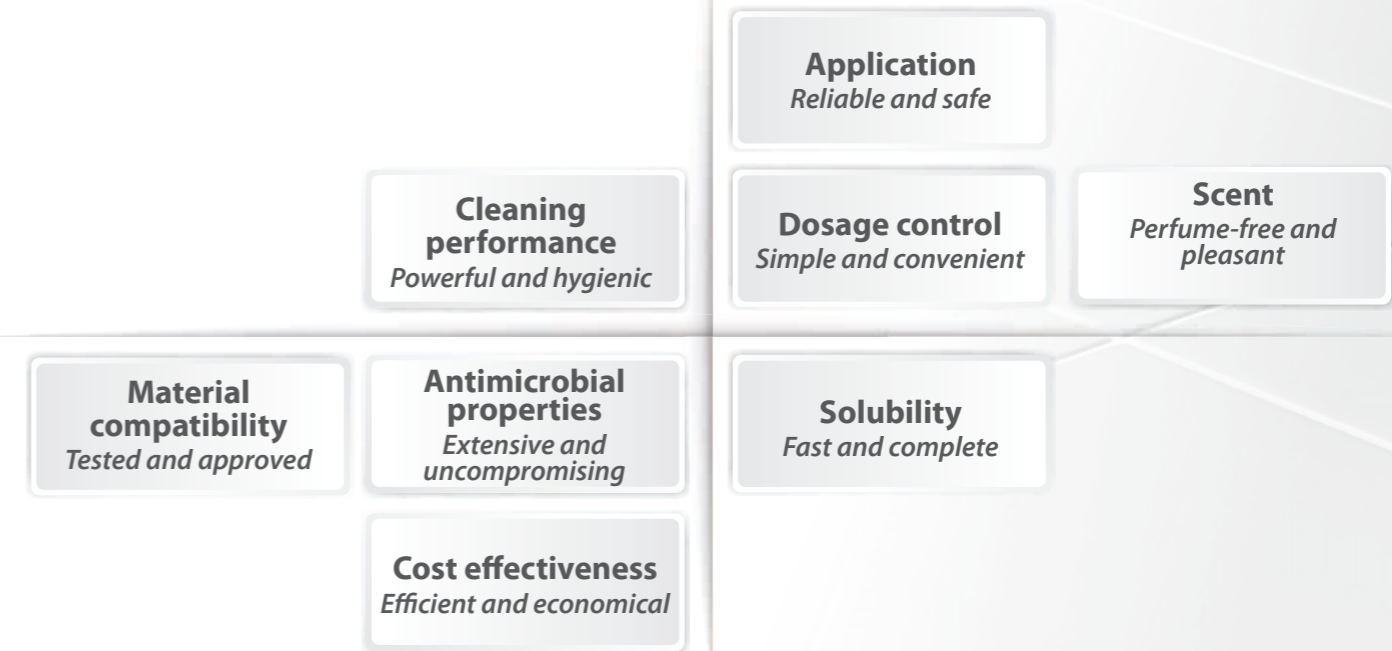
Range of application

Acc. to MDD (Medical Device Directive):
Disinfection and cleaning of non-invasive medical devices.

According to Biocidal Products Regulation:
For disinfection and cleaning of surfaces and inventory in medical, industrial, private and public sectors.

Antimicrobial properties

- ULTRASOL® active is:
- bactericidal (incl. MRSA)
 - tuberculocidal
 - yeasticidal
 - fungicidal
 - virucidal acc. to RKI recommendations
 - sporicidal



Delivery units

Single unit	Unit	Art.-No.
20 g sachet	100	00-255-0002
1 kg bucket (incl. measuring spoon)	6	00-255-010

Dosage	0.5 %	1.0 %
4 litres	1 x 20g	2 x 20g
4 litres	1 x 20g	2 x 20g
8 litres	2 x 20g	4 x 20g
8 litres	2 x 20g	4 x 20g
	1 x = 20 g	1 x = 20 g

Dosage and application times

Antimicrobial properties		1 min.	5 min.	10 min.	15 min.	30 min.	60 min.
surface disinfection (bactericidal, yeasticidal) acc. to VAH list	clean conditions		1.0 %		0.5 %		
	dirty conditions					1.0 %	0.5 %
Virucidal	acc. to RKI/DVV					1.5 %	1.0 %
	Polio virus					1.5 %	1.0 %
	Adeno virus				0.5 %		
	Polyoma virus/SV 40		1.0 %		0.5 %		
	Vaccinia virus	0.25 %					
Noro virus (EN 14476)		0.5 %					
Sporicidal (C. difficile)	acc. to EN 13704			2.0 %		1.0 %	0.5 %

Antimicrobial properties		1 min.	5 min.	10 min.	15 min.	30 min.	60 min.
EN 13727	bactericidal, high soiling	1.0 %	0.5 %				
EN 14348	tuberculocidal, high soiling						1.0 %
EN 13624	yeasticidal, high soiling	1.0 %	0.5 %				
EN 13624 (A.brasiliensis)	fungicidal, high soiling						1.0 %
EN 13704 (C.difficile)	sporicidal			2.0 %		1.0 %	0.5 %

CE 0482

ULTRASOL® AF

liquid concentrate for surface disinfection and cleaning

- excellent cleaning power
- bactericidal, yeasticidal, tuberculocidal
- perfume-free



ULTRASOL AF is a user-friendly concentrate for the disinfection and cleaning of medical devices, medical inventory and all kinds of surfaces. The product has a strong cleaning power. Moreover, it contains neither aldehydes nor phenols. The use of ULTRASOL AF is especially recommended for all kinds of surfaces including plexiglass. Not suitable for non-ferrous metals and polycarbonates.

Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to EN 1040/EN 1275/EN 13624/EN 13727/EN 13697 tuberculocidal acc. to EN 14348 active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus and Vaccinia virus acc. to EN 14476	Surface disinfection acc. to European Standards/EN 13697: clean conditions: 0.25 % 15 min.
Active ingredients in 100 g 3.33 g Benzylalkyldimethylammoniumchloride 1.68 g Didecylidimethylammoniumchloride 1.1 g N-(3-aminopropyl)-N-dodecylpropan-1,3-diamine	

aldehyde free

Single unit	Unit	Art.-No.
1 l bottle	12	00-204AF-010EXP
5 l container	3	00-204AF-050

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

What are QAC/Quats?

QAC is short for quaternary ammonium compounds. Generally it is referred to them as quats.

Almost all manufacturers of disinfectants use QAC as aldehyde-free active ingredients in their products. This group of active ingredients is distinguished by good cleaning properties, a very low toxicity and little volatility. Therefore compounds based exclusively on QAC are almost odourless, especially in comparison to aldehyde-containing compounds.

Due to their low volatility QAC can form a crystalline layer on the surface to be disinfected if used over a longer period. These layers should be regularly removed by using cleaners based on non-ionic tensides, otherwise adhesive effects may occur.



When using surface disinfectants, sticky effects may occur.

CLEANISEPT®

liquid concentrate for surface disinfection and cleaning

- aldehyde-free preparation with good cleaning power
- suitable for disinfection in the food area
- perfume-free



CLEANISEPT® is an aldehyde-free and phenol-free liquid concentrate for the disinfection and cleaning of medical inventory, medical devices such as incubators and for all kinds of surfaces. CLEANISEPT® can be used as an alcohol-free rapid disinfectant and is suitable for the disinfection and cleaning of acrylic glass surfaces. The product is ideally suited for use in all areas of the food industry and in canteen kitchens. CLEANISEPT® is very user-friendly due to its good grease removing abilities and perfume-free formulation.

Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/DGHM/EN 1276/EN 1650 active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus active against Rota virus and Papova/Polyoma virus acc. to EN 14476	Surface disinfection acc. to European Standards/EN 13697: clean conditions: 0.5 % 5 min. dirty conditions: 0.75 % 5 min. acc. to German guidelines/VAH/DGHM: dirty conditions: 1 % 60 min. 2.5 % 15 min. 7.5 % 1 min.
Active ingredients in 100 g 3.33 g Didecylidimethylammoniumchloride 6.66 g Benzylalkyldimethylammoniumchloride	

aldehyde-free

Single unit	Unit	Art.-No.
1 L dosage bottle	10	00-204-010EXD
2 L bottle	6	00-204-020EXD
5 L container	3	00-204-050EXD
10 L container	1	00-204-100EXD

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

BIGUANID FLÄCHE N

liquid concentrate for surface disinfection and cleaning

- aldehyde-free preparation with good cleaning power
- tuberculocidal, effective against Noro viruses
- pleasant scent



BIGUANID FLÄCHE N is an aldehyde-free and phenol-free concentrate for disinfection and cleaning of medical devices such as respiratory masks and incubators, medical inventory as well as all kinds of surfaces. It is also suitable for use as an alcohol-free rapid disinfectant, e.g. for disinfection of bath tubs. BIGUANID FLÄCHE N is suitable for disinfection purposes in all areas of the food industry and in canteen kitchens. The product is comprehensively effective against viruses incl. Noro viruses and is tuberculocidal. Certified and tested according to VAH/DGHM- as well as ÖGHMP-guidelines.

Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/DGHM/EN 1276/EN 1650/EN 13697 tuberculocidal active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus active against Rota virus / Papova/Polyoma virus/Adeno virus and Noro virus (MNV) acc. to EN 14476	Surface disinfection acc. to European Standards/EN 13697: clean conditions: 0.5 % 5 min. dirty conditions: 0.75 % 5 min. acc. to German guidelines/VAH/DGHM: dirty conditions: 0.5 % 30 min. 1 % 5 min.
Active ingredients in 100 g 16,0 g Benzylalkyldimethylammoniumchloride	

aldehyde-free

Single unit	Unit	Art.-No.
40 ml sachet	200	00-201-0004
1 L dosage bottle	10	00-201-010
2 L bottle	6	00-201-020
5 L container	3	00-201-050
10 L container	1	00-201-100

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

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OPTISAL® N

liquid concentrate for surface disinfection and cleaning

- aldehyde-free preparation with outstanding cleaning power
- no adhesive effects due to QAC-free formulation
- pleasant, fresh scent

OPTISAL® N is a user-friendly liquid concentrate for the disinfection and cleaning of medical devices, medical inventory and all kinds of surfaces. The product has a remarkably high cleaning power. Moreover, it has a fresh and pleasant scent, as it contains neither aldehydes nor phenols. Due to its QAC-free (quaternary ammonium compounds) formulation, adhesive effects on treated surfaces are avoided.



aldehyde-free

Single unit	Unit	Art.-No.
1 L dosage bottle	10	00-214-010
5 L container	3	00-214-050

Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/DGHM/EN 13624/EN 13727	Surface disinfection acc. to German guidelines /VAH/DGHM: dirty conditions: 1 % 15 min. 0.5 % 60 min.
tuberculocidal acc. to EN 14348	
active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus and Vaccinia virus acc. to EN 14476	
Active ingredients in 100 g	7.2 g N-(3-aminopropyl)-N-dodecylpropan-1,3-diamine

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

VAH/DGHM

ÖGHMP

RKI AB

CE 0482

OPTISEPT®

liquid concentrate for surface disinfection and cleaning

- extensive efficacy, RKI-listed for sector A and B
- virucidal incl. Noro virus
- for routine disinfection and disinfection purposes during epidemics

OPTISEPT® is a highly efficient liquid concentrate for combined disinfection and cleaning of medical inventory, medical devices and all kinds of surfaces in all medical areas. The product is comprehensively effective and is certified for disinfection purposes during epidemics of bacteria, fungi (sector A) and viruses (sector B) according to the requirements of the RKI (Robert Koch-Institut, federal German institute for disease control and prevention).



virucidal

Single unit	Unit	Art.-No.
1 L dosage bottle	10	00-205-010
5 L container	3	00-205-050

Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/DGHM	Surface disinfection acc. to German guidelines /VAH/DGHM: dirty conditions: 2 % 15 min. 1 % 30 min. 0.5 % 60 min.
tuberculocidal acc. to EN 14348	
active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus	
virucidal incl. Polio/Adeno/Papova/Polyoma/Parvo/Noro virus	
sporocidal acc. to EN 13704	
Active ingredients in 100 g	3.5 g Formaldehyde, 9.6 g Glyoxal, 2.5 g Glutaral, 8.0 g Didecylidimethylammoniumchloride

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

NEW

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OPTISAL® PLUS

liquid concentrate for surface disinfection and cleaning

- comprehensive range of efficacy
- excellent cleaning performance
- excellent material compatibility

Product Properties

OPTISAL® PLUS is a liquid concentrate for disinfection and cleaning of near-patient surfaces as well as non-invasive medical devices. The product can be used universally for disinfection and cleaning of surfaces in medical areas. 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 all enveloped viruses (HBV, HIV, HCV), OPTISAL® PLUS is highly effective against non-enveloped viruses such as Adeno virus, Noro virus and Rota virus. OPTISAL® PLUS is also very effective against mycobacteria and fungi. Its innovative composition ensures smear-free drying when used. OPTISAL® PLUS is odourfree and fragrance-free.

Application area

In accordance with the MDD (Medical Device Directive): For disinfection and cleaning of non-invasive medical devices.

In accordance with the EU Biocidal Products Regulation (BPR): For disinfection and cleaning of surfaces and equipment in medical, industrial, private and public areas.

Antimicrobial properties

OPTISAL® PLUS is:

- bactericidal (inc. MRSA)
- tuberculocidal
- yeasticidal
- fungicidal
- active against all enveloped viruses incl. HBV/HIV/HCV/Vaccinia-/BVDV/influenza viruses
- effective against Noro, Adeno and Rota viruses

Delivery Units

Single unit	Unit	Art.-No.
1 L bottle	12 x 1L	00-245-010EXP
5 L container	3 x 5L	00-245-050EXP



Dosage and contact times

Antimicrobial properties		5 min.	15 min.	30 min.	60 min.
surface disinfection acc. DGHM/VAH (bactericidal, yeasticidal)	with mechanical action, dirty conditions	2.5 %	1.5 %	1 %	0.5 %
surface disinfection acc. EN 16615 (4-field test, bactericidal, yeasticidal)**	with mechanical action, dirty conditions				0.5 %
active against all enveloped viruses incl. HBV/HIV/HCV	acc. RKI/DVV guideline 2008	1 %			0.5 %
	BVDV	0.25 %			
	Vaccinia virus	1 %			0.5 %
MNV (Murine Noro virus)	EN 14476, clean conditions	2 %	1 %		0.5 %
	EN 14476, dirty conditions	2 %	1 %		
Adeno virus	EN 14476, clean conditions		2 %		1 %
	EN 14476, dirty conditions			2 %	1 %
Rota virus	EN 14476, clean conditions	0.5 %			
fungicidal (Aspergillus brasiliensis)	DGHM, dirty conditions				3 %

** approved efficacy with one system PLUS and one system basic wipe dispenser systems

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

VAH/DGHM

ÖGHMP

CE 0482

DESCOCEPT forte

alcohol-based rapid surface disinfectant

NEW

- bactericidal incl. MRSA, yeasticidal
- virucidal incl. Polio-, Adeno-, Rota- and Noro-viruses
- perfume-free

DESCOCEPT forte is a ready-to-use, alcohol based (ethanol) rapid disinfectant. The product is specifically designed for applications requiring a targeted virucidal disinfection of alcohol resistant surfaces. Thanks to its innovative SLT booster technology, DESCOCEPT forte also ensures an efficient disinfection in cases of high organic soiling (dirty conditions).



virucidal

Single unit	Unit	Art.-No.
1 L bottle	10	00-330-010
5 L container	3	00-330-050
10 L container	1	00-330-100

Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/EN 13727/EN 13624	Surface disinfection acc. to EN 13697:
tuberculocidal acc. to EN 14348	clean conditions: conc. 1 min.
virucidal incl. HBV, HIV, HCV, Rota virus, Noro virus acc. to EN 14476	acc. to German guidelines/VAH
virucidal acc. to prEN 16777	dirty conditions: conc. 1 min.
Active ingredients in 100 g 60 g Ethanol	

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

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CE 0482

DESCOCEPT pur

alcoholic rapid disinfectant

- residue-free
- fast acting
- perfume-free, therefore especially suitable for persons with allergies

Ready to use, alcoholic disinfectant based on ethanol for rapid and effective disinfection of medical devices, medical inventory as well as all kinds of surfaces. DESCOCEPT pur is especially suitable for rapid disinfection in the food industry and in canteen kitchens.



approved for HETTICH Zentrifugen

perfume-free

Single unit	Unit	Art.-No.
1 L bottle	10	00-323-010
5 L container	3	00-323-050

Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/DGHM/EN 1276/EN 1650/EN 13697	Surface disinfection acc. to VAH/DGHM/European Standards/EN 13697:
tuberculocidal acc. to EN 14348	clean conditions: 1 min.
active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus	dirty conditions: 1 min.
active against Rota virus and Noro virus (MNV) acc. to EN 14476	
Active ingredients in 100 g 45.0 g (53 % V/V) Ethanol	

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

VAH/DGHM

ÖGHMP

CE 0482

DESCOCEPT AF

alcoholic rapid disinfectant

- aldehyde-free rapid disinfectant with pleasant scent
- extensive virucidal efficacy incl. Noro viruses
- exceptionally gentle to the skin

DESCOCEPT AF is a ready to use, aldehyde-free rapid disinfectant based on ethanol and quaternary ammonium compounds for effective and rapid disinfection of alcohol resistant medical devices, medical inventory and all kinds of surfaces. Especially suited for surfaces difficult to reach and for all areas where rapid disinfection is required. DESCOCEPT AF is aldehyde- and phenol-free and has a pleasant fresh scent. Discolourations of materials after application of DESCOCEPT AF are virtually impossible due to its aldehyde-free composition.

DESCOCEPT AF is comprehensively effective against viruses incl. Noro virus. By use of a specially designed spray head, DESCOCEPT AF can also be applied as a disinfectant foam.

also available with LEMON scent



applicable as foam

Delivery Units

Single unit	Unit	Art.-No.
500 ml bottle	10 x 500 ml	00-311-005
1 L bottle	12 x 1 L	00-311-010EXP
5 L container	3 x 5 L	00-311-050
10 L container	1 x 10 L	00-311-100

Delivery Units lemon

Single unit	Unit	Art.-No.
1 L bottle	12 x 1 L	00-311L-010EXP
5 L container	3 x 5 L	00-311L-050EXP
10 L container	1 x 10 L	00-311L-100EXP

Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/DGHM/EN 1040/EN 1276/EN 1650/EN 13697	Surface disinfection acc. to European Standards/EN 13697:
tuberculocidal	clean conditions: 1 min.
fungicidal	acc. to German guidelines/VAH/DGHM
active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus	dirty conditions: 1 min.
active against Adeno virus/Rota virus and Noro virus (MNV) acc. to EN 14476	
Active ingredients in 100 g 42.0 g (50 % V/V) Ethanol, 0.05 g Didecylidimethylammoniumchloride	

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

CE 0482

DESCOCEPT RF

alcoholic rapid disinfection

- fast and residue-free drying
- for all alcohol resistant surfaces
- pleasant odor

DESCOCEPT RF is a residue-free rapid surface disinfectant for use on all types of alcohol-resistant surfaces and for disinfection and cleaning of non-invasive medical devices. Ideal for areas that require quick contact and drying times without leaving streaks.



Antimicrobial properties		Directions for use
bactericidal, yeasticidal, tuberculocidal acc. to EN1040, EN1276, EN1650, EN13697, EN14348		Surface disinfection acc. to European Standards / EN 13697: clean conditions: 30 sec.
virucidal against MNV and rotaviruses acc. to EN14476		
Active ingredients in 100 g soaking solution 63 g 2-Propanol / 100 g (70% V/V)		

Single unit	Unit	Art.-No.
1 L bottle	12	00-325-010EXP
5 L container	3	00-325-050EXP

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

DESCOCEPT spezial

alcohol-free rapid disinfectant

- especially suitable for acrylic glass
- strong cleaning power
- short contact times

DESCOCEPT spezial is an alcohol-free and ready to use rapid disinfectant for disinfection and cleaning of alcohol sensitive medical inventory, medical devices incl. incubators and all kinds of surfaces.



applicable
as foam

Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/DGHM/EN1276/EN13727/EN1650/ EN13624/EN13697	Surface disinfection acc. to German guidelines /VAH/DGHM: dirty conditions: 1 min.
active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus	
active against Rota virus and Papova/Polyoma virus acc. to EN 14476	
Active ingredients in 100 g	0.25 g Didecyldimethylammoniumchloride 0.5 g Alkylbenzyltrimethylammoniumchloride

alcohol-free

Single unit	Unit	Art.-No.
1 L bottle	12	00-208-010EXP
5 L container	3	00-208-050EXP

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

Preparations for rapid disinfection – areas of application

The name gives it away – ready-to-use rapid disinfectants are always used if surfaces or medical devices need to be available again for use as soon as possible after disinfection. Typical examples include surfaces close to patients or surfaces with frequent hand and skin contact in hospitals and clinics such as examination tables, surgical lamps, hand rails or telephone handsets. The surfaces of medical devices such as ultrasound heads or even operating elements of devices must also be quickly available for the next patient after a treatment. Depending on the materials, alcohol or alcohol-free preparations can be used. For alcohol-sensitive materials such as acrylic glass, only alcohol-free rapid disinfectants should be used.



DESCOCEPT spezial WIPES

alcohol-free wipes for rapid disinfection

- alcohol-free wipes for rapid disinfection of large surfaces
- fast acting
- high degree of material compatibility

Alcohol-free, ready to use disinfection wipes for rapid disinfection and cleaning of medical inventory and all kinds of surfaces in medical areas as well as in all areas of the food industry and in canteens. Based on quaternary ammonium compounds.



Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/ DGHM/EN1276/EN13727/EN1650/EN13624/ EN13697	Surface disinfection acc. to German guidelines /VAH/DGHM: dirty conditions: conc. 1 min.
active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus	
active against Rota virus and Papova/Polyoma virus acc. to EN 14476	
Active ingredients in 100 g soaking solution	0.25 g Didecyldimethylammoniumchloride 0.5 g Alkylbenzyltrimethylammoniumchloride

alcohol-free

Single unit	Unit	Art.-No.
1 dispenser and roll 100 wipes (size 30 x 32 cm)	1	00-208-ERS100
1 refill pack 100 wipes (size 30 x 32 cm)	2	00-208-RS100-01

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



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CLEANISEPT® WIPES

alcohol-free wipes for rapid disinfection

- for disinfecting ultrasound probes not coming into contact with mucous membranes
- fast-acting, also against Papova-viruses
- particularly gentle on materials

CLEANISEPT® WIPES are ready-to-use, wipes for rapid disinfection and cleaning of medical devices and areas that are near the patient and hygienically critical. CLEANISEPT® WIPES are particularly suitable for medical devices that are sensitive to alcohol, such as the ultrasound probes that will not come into contact with mucous membranes. They can also be used in food processing and kitchens. The soaking solution has been developed on the basis of quaternary ammonium compound, which is alcohol-free, and contains neither aldehydes nor phenols. CLEANISEPT® WIPES in the practical dispenser box can be removed individually and are quickly on hand for use.

approved for use on ultrasound heads
manufactured by

TOSHIBA | SIEMENS | PHILIPS | HITACHI
SHIMADZU | SONOACE | ALOKA | @saote

alcohol-free

Single unit	Unit	Art.-No.
1 Dispenser box with 100 wipes (size 14 x 20 cm)	12	00-208-D100EXP
1 Refill with 100 wipes (size 14 x 20 cm)	12	00-208-R100-01

Active ingredients in 100 g soaking solution 0.25 g Didecyldimethylammoniumchloride
0.5 g Alkylbenzylidimethylammoniumchloride



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CLEANISEPT® WIPES MAXI

alcohol-free wipes for rapid disinfection

- for disinfecting the surfaces of medical devices and other contact surfaces in medical areas
- fast-acting, also against Papova-viruses
- particularly suitable for large surfaces

CLEANISEPT® WIPES MAXI are alcohol-free disinfection wipes for rapid disinfection and cleaning of medical equipment and surfaces of all kinds, in all areas of food processing and industrial kitchens, as well as in medical areas. Particularly suitable for medical devices that are sensitive to alcohol. Based on modern quaternary ammonium compounds. CLEANISEPT® WIPES MAXI are alcohol-free and contain neither aldehydes nor phenols. CLEANISEPT® WIPES MAXI in the practical flowpack are ready to use, can be removed individually and are quickly on hand for use.

approved for use on ultrasound heads
manufactured by

TOSHIBA | SIEMENS | PHILIPS | HITACHI
SHIMADZU | SONOACE | ALOKA | @saote

MAXI

Single unit	Unit	Art.-No.
1 flowpack à 80 wipes (size 20 x 22 cm)	12	00-208-T080EXP

Active ingredients in 100 g soaking solution 0.25 g Didecyldimethylammoniumchloride
0,5 g Alkylbenzylidimethylammoniumchloride

CLEANISEPT® WIPES forte

alcohol-free wipes for disinfection of ultrasound probes

- bactericidal incl. MRSA , yeasticidal acc. to DGHM/VAH
- virucidal incl. Polio-, Adeno-, Papova/ Polyoma-, Vaccinia viruses and HBV/HIV/HCV/Influenza viruses
- for virucidal disinfection of ultrasound probes for transvaginal examinations



VAH/DGHM

RKI/DVV

CE 0482



virucidal + sporicidal in
120 sec.

Product properties

Alcohol-free, ready to use wipes for virucidal disinfection and cleaning of ultrasound probes for transvaginal examinations. CLEANISEPT® WIPES forte in the handy dispenser box are removable individually and ready to use straight away. The disinfectant liquid is alcohol-free and free of aldehydes or phenols.

Range of application

Acc. to MDD (Medical Device Directive):
Disinfection and cleaning of alcohol sensitive medical devices such as ultrasound probes for transvaginal examinations.

Application

Wipe surfaces with the ready to use wipe until entirely moistened. After contact time has elapsed, rinse ultrasound probes thoroughly with water.

Antimicrobial properties

CLEANISEPT® WIPES forte is:
- bactericidal incl. MRSA
- yeasticidal
- virucidal (incl. Polio-, Adeno-, Papova/Polyoma-, Vaccinia virus as well as HBV/HIV/HCV/Influenza virus)
- sporicidal

Delivery units

Single unit	Unit	Art.-No.
Dispenser box 100 wipes (size 14 x 20 cm)	12	00-235-D100

approved for use on ultrasound heads
manufactured by

@saote | SIEMENS

Application times

Antimicrobial properties		30 sec.	2 min.
Bactericidal incl. MRSA , yeasticidal acc. to DGHM/VAH (surface disinfection with mechanical action, dirty conditions)			•
virucidal	acc. to RKI/DVV		•
	Polio-virus	•	
	Adeno-virus	•	
	Polyoma-virus/SV 40		•
	Vaccinia-virus	•	
sporicidal	Clostridium difficile, acc. to EN 13704		•

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DESCOSEPT PUR WIPES RTU NEW

alcoholic wipes for rapid disinfection

- ideally suitable for areas that are hygienically critical or near the patient
- quick and easy in use
- active against all enveloped viruses incl. Rota- and Noro-viruses

DESCOSEPT PUR WIPES RTU are alcoholic ready-to-use wipes for the disinfection of non-invasive medical devices and surfaces in areas that are hygienically critical or near the patient. DESCOSEPT PUR WIPES RTU are ready to use and do not require any rinsing after use.

Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/EN 1276/EN 1650/EN 13697 mycobactericidal acc. to EN 14348 active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus active against Rota virus and Noro virus (MNV) acc. to EN 14476	Surface disinfection acc. to VAH/EN 13697: 1 min.
Active ingredients in 100 g soaking solution	45.0 g (53 % V/V) Ethanol

Single unit	Unit	Art.-No.
1 refill pack à 120 wipes	2 x 1	00-323-RS120

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

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ÖGHMP
CE 0482



DESCOSEPT SENSITIVE WIPES NEW

alcoholic wipes for rapid disinfection

- streak-free in use
- particularly gentle on sensitive materials
- fast-acting, also against Noro-viruses

DESCOSEPT SENSITIVE WIPES are ready to use wipes for rapid disinfection and cleaning of sensitive surfaces. DESCOSEPT SENSITIVE WIPES are particularly suitable for screens, displays, key-boards and other sensitive surfaces of medical devices and in medical areas. Wipe material and soaking solution have been developed to ideally match and provide a gentle and efficient disinfection. DESCOSEPT SENSITIVE WIPES in the practical, re-sealable flowpack are ready to use and can be removed individually to be quickly on hand for use.

Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/EN 1276/EN 1650/EN 13697 mycobactericidal acc. to EN 14348 active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus active against Rota virus and Noro virus (MNV) acc. to EN 14476	Surface disinfection acc. to VAH/EN 13697: 1 min.
Active ingredients in 100 g soaking solution	45.0 g (53 % V/V) Ethanol

Single unit	Unit	Art.-No.
1 flowpack à 80 wipes (size 20 x 22 cm)	12 x 1	00-323DS-T080

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

VAH/DGHM
CE 0482



DESCOSEPT AF WIPES

alcoholic wipes for rapid disinfection

- aldehyde-free
- with fresh scent
- extensive effectiveness incl. Noro viruses

Product Properties

DESCOSEPT AF WIPES are ready-for-use, aldehyde-free disinfectant wipes based on ethanol and quaternary ammonium compounds. DESCOSEPT AF WIPES have a pleasant fresh scent. Discolourations of materials after use of DESCOSEPT AF WIPES are virtually impossible due to its aldehyde-free composition. The disinfectant solution is extensively effective against viruses incl. Noro virus. DESCOSEPT AF WIPES are the ideal surface disinfectant for areas which require a rapid wipe disinfection of alcohol resistant surfaces and inventory.

DESCOSEPT AF WIPES in the handy dispenser box can be extracted individually and are ready to use straight away.

Application

Wipe surfaces and objects with DESCOSEPT AF WIPES. Surfaces must remain completely wet for the required contact time.

Application times

with reference to the soaking solution Descosept AF:

Antimicrobial properties		30 sec.	1 min.	2 min.	5 min.	30 min.
surface disinfection acc. DGHM/VAH (bactericidal, yeasticidal) (*listed in the 5 min column of the VAH list)	with mechanical action, dirty conditions		•			
	without mechanical action, clean conditions		•*			
	without mechanical action, dirty conditions			•*		
surface disinfection acc. DGHM/VAH (tuberculocidal)	without mechanical action, clean conditions			•		
active against all enveloped viruses incl HBV/HIV/HCV	acc. RKI/DVV	•				
	BVDV	•				
	Vaccinia-Virus	•				
Adeno virus	acc. RKI/DVV		•			
Rota virus	acc. RKI/DVV		•			
Noro virus (MNV)	acc. EN 14476				•	
tuberculocidal (M. terrae)	acc. EN14348		•			
fungicidal (Aspergillus brasiliensis)	clean conditions					•

also available with LEMON scent



Range of Application

Acc. to MDD (Medical Device Directive): Rapid disinfection of non invasive alcohol resistant medical devices.

Acc. to Biocidal Products Regulation: Rapid disinfection and cleaning of alcohol resistant medical inventory and all kinds of surfaces.

Antimicrobial properties

The disinfectant solution DESCOSEPT AF WIPES is:

- bactericidal (incl. MRSA)
- tuberculocidal
- yeasticidal, fungicidal
- virus inactivating incl. HBV/HIV/HCV/BVDV/ Rota-/Adeno-/Vaccinia-/Noro viruses

Delivery Units

Single unit	Unit	Art.-No.
Dispenser box with 120 wipes (size 14 x 20 cm)	12 x 1 box	00-312-D120-01
Refill with 100 wipes (size 14 x 20 cm)	12 x 1 bag	00-312-R120-01

Delivery Units lemon

Single unit	Unit	Art.-No.
Dispenser box with 120 wipes (size 14 x 20 cm)	12 x 1 box	00-312L-D120EXD

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

one system⁺PLUS

Innovative disposable non-woven wipe dispenser system for surface disinfection with 50% longer standing time*

- pre-filled with DESOTEX® non-woven wipes ready for saturation with disinfectant
- ready for use after 15 minutes* – also in areas with special infection risk – with a standing time of 6 weeks*
- innovative design for especially easy use and fill level control

Product specification

one system PLUS is a disposable non-woven wipe dispenser system for use in the disinfection and cleaning of surfaces in all medical contexts, including the surfaces of medical devices. one system PLUS is simple, safe and efficient. The innovative system can be speedily prepared for use, does not require reprocessing and is particularly convenient to be used. one system PLUS is ideally suited for areas with possible infection risk to areas with special infection risk.

The one system PLUS dispenser is supplied pre-filled with the top-quality DESOTEX® non-woven wipes and can be filled by the user with their choice of disinfectant. one system PLUS is ready for use after only 15 minutes* of pre-saturation and can immediately be used for surface disinfection. The non-woven wipes are made of low-linting non-woven fabric. They provide excellent delivery of the disinfecting solution and guarantee perfect coverage of the surfaces to be disinfected.

Areas of application

one system PLUS can be used for the disinfection and cleaning of all kinds of surfaces, medical equipment and the surfaces of medical devices in all areas of medical facilities such as hospitals, care homes and medical and dental practices, the pharmaceutical industry or in laboratories.

Composition

The one system PLUS dispenser contains 100 wipes of 32 cm x 30 cm in size, made of tear-proof, low-linting non-woven fabric (100% PET synthetic fibre mixture)

Delivery Units

Single unit	Unit	Art.-No.
1 one system PLUS dispenser	2	00-915-OSEE100

*In comparison with other conventional surface disinfectants with a standing time of 28 days and a pre-saturation time of 30 minutes, the tested VAH-listed surface disinfectants OPTISAL® PLUS, BIGUANID FLÄCHE N, DESCOSEPT AF, DESCOSEPT forte and CLEANISEPT® from Dr. Schumacher achieved a pre-saturation time of only 15 minutes and an increased standing time of the filled system of 42 days.

NEW

SIMPLY UNCOMPLICATED

- + Disposable non-woven wipe dispenser system pre-filled with dry wipes
- + No need for wipe refilling or dispenser reprocessing
- + More quickly operational thanks to QuickStart technology with 15 minutes of pre-saturation time*
- + Reclosable aperture for easy filling and removal of wipes

SIMPLY FLEXIBLE

- + Sturdy lightweight construction for use on the wards as well as mobile use
- + Optional carrying handle with quick connector
- + Pure polypropylene, stable to all conventional cleaning agents and disinfectants

SIMPLY ECONOMICAL

- + QuickStart function with 15 minutes of pre-saturation time for faster readiness for use*
- + 50% longer standing time* for less frequent disposal due to reaching maximum standing time
- + Disposable system to avoid the need for time-consuming reprocessing
- + Saves storage space, as dry wipes are already contained in the dispenser system
- + Foldable lightweight dispenser for easy, space-saving disposal
- + Easy fill level control to avoid idle time in the course of work

*When used with:

OPTISAL® PLUS | BIGUANID FLÄCHE N
DESCOSEPT AF | DESCOSEPT forte | CLEANISEPT®

Efficacy tested using the 4-field test with all mandatory test organisms in accordance with EN 16615 (bactericidal/yeasticidal)

pre-filled with
100 wipes
32 cm x 30 cm

STANDING TIME
6 WEEKS
TESTED*

SIMPLY SAFE

- + Innovative transparent dispenser design for fill level control at a glance – even under poor light conditions
- + For use from areas with possible infection risk to areas with special infection risk
- + Single-use concept to avoid reprocessing errors and contamination
- + Particularly easy and safe to use, even in the hectic daily hospital routine



QUICKSTART
15 MIN.
FUNCTION*

SIMPLY RELIABLE

- + Dispenser pre-filled with compatibility-tested DESOTEX® dry non-woven wipes
- + Far fewer work steps compared to other multiple-use and disposable systems
- + Extended availability due to reduced pre-saturation time*
- + 100 large wipes (32 cm x 30 cm) for high coverage



DESCO WIPES

dispenser system for disinfection wipes

- for impregnation with surface disinfectants
- refillable dispenser system
- excellent release of disinfectant solution

Desco Wipes DT are dry non-woven wipes for impregnation with disinfectants for a rapid and easy disinfection and cleaning of surfaces and medical devices. Desco Wipes DT are made of high quality, nearly lint-free non-woven material.

Desco Wipes DT are compatible with all commercially available surface disinfectants. Their excellent release of the disinfectant solution guarantees for a proper and even wetting of the surface to be disinfected. Desco Wipes DT can be easily removed out of a specially designed practical and re-closeable dispenser bucket.



DESCO WIPES DT dispenser bucket

- refillable dispenser bucket
- for wipes size 32 x 30 cm
- empty

Single unit	Unit	Art.-No.
1 dispenser bucket, empty	1	00-915-E001
6 dispenser bucket, empty	6	00-915-E002
1 wall holder	1	00-902-EIM



DESCO WIPES DT

- for impregnation with surface disinfectants
- excellent release of disinfectant solution
- size 32 x 30 cm

Single unit	Unit	Art.-No.
1 100 wipes / pack	3	00-915-RD10003-01
1 100 wipes / pack	6	00-915-RD10006-01
1 50 wipes / pack	3	00-915-RD5003-01



DESCO WIPES DT small dispenser bucket

- refillable dispenser bucket
- for wipes size 25 x 25 cm
- empty

Single unit	Unit	Art.-No.
1 dispenser bucket, empty	1	00-915-EK004
6 dispenser bucket, empty	6	00-915-EK005
1 wall holder small	1	00-902-EIMK



DESCO WIPES DT SMALL

- for impregnation with surface disinfectants
- excellent release of disinfectant solution
- size 25 x 25 cm

Single unit	Unit	Art.-No.
1 70 wipes / pack	3	00-915-RD7003-01

ECO WIPES

dispenser system for disinfection wipes

- suitable for use with surface disinfectants
- refillable dispenser system
- excellent release of the active substances

ECO WIPES are dry wipes for impregnation with disinfectants for rapid and easy disinfection and cleaning of surfaces and medical devices. ECO WIPES were developed especially for surface disinfection and can be combined with all commercially available disinfectants.

Single unit	Unit	Art.-No.
1 dispenser bucket, empty	1	00-915-EEW001
6 dispenser bucket, empty	6	00-915-EEW002
1 wall holder	1	00-902-EIM

ECO WIPES dispenser bucket

- refillable dispenser bucket
- for wipes size 32 x 30 cm
- empty



Single unit	Unit	Art.-No.
1 100 wipes / pack	3	00-915-REW10003-01
1 100 wipes / pack	6	00-915-REW10006-01
1 50 wipes / pack	3	00-915-REW5003-01

ECO WIPES

- suitable for use with surface disinfectants
- excellent release of disinfectant solution
- size 32 x 30 cm



Easy reprocessing of DESOTEX WIPE systems

Refill packs for the DESOTEX disinfection wipe systems for multiple use come with a set of two sachets to provide easy reprocessing of the buckets before use. Sachet No. 1 contains a ready to use wipe to clean the bucket first. With sachet No. 2 the bucket needs to be disinfected afterwards to get ready for the refill. This process is scientifically approved.



one system basic

compact disposable non-woven wipe dispenser system for surface disinfection

- pre-filled with DESOTEX® non-woven wipes ready for saturation with disinfectant
- ready for use after 15 minutes – also in areas with special risk of infection, at a 50% longer standing time of 6 weeks
- compact stand-up pouch for easy use and disposal

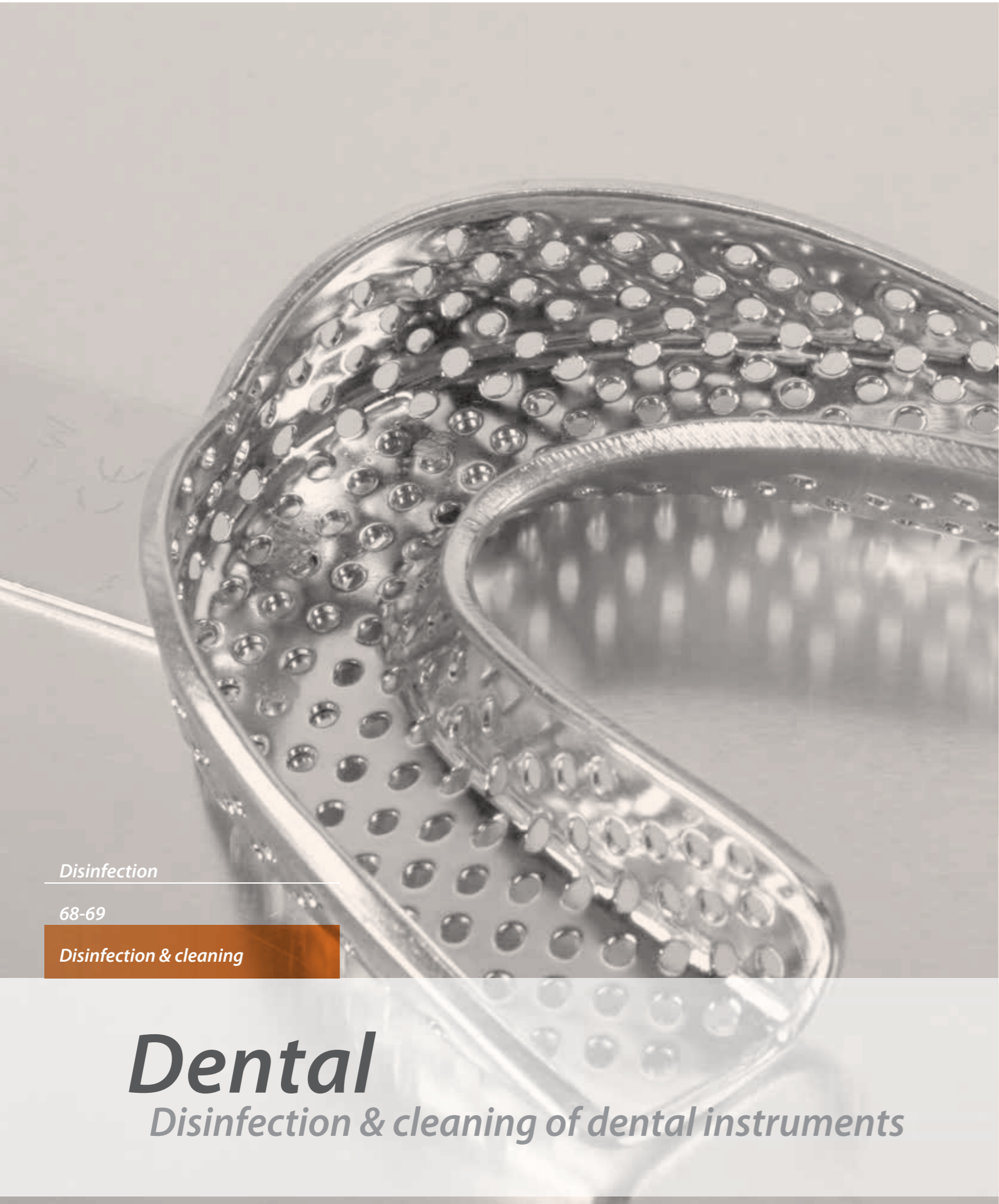
one system basic is a disposable non-woven wipe dispenser system for use in the disinfection and cleaning of surfaces in all medical contexts, including the surfaces of medical devices. It is ideally suited for areas with possible infection to areas with special risk of infection.

Single unit	Unit	Art.-No.
1 120 one system basic (size 17.5 x 36 cm)	4	00-915-OSEB120
1 wall holder	1	00-902-OSB

one system basic

- extra convenient and compact stand-up pouch
- innovative, simple, safe and efficient
- pre-filled with DESOTEX® non-woven wipes





Disinfection

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Disinfection & cleaning

Dental

Disinfection & cleaning of dental instruments

Dental

Disinfection

Many applications in the dental area can be covered by the previously presented products for instrument disinfection, surface disinfection and rapid disinfection.

However, cleaning and disinfection of dental impressions, drills or suction systems require special products with a high degree of material compatibility.

For this purpose we offer a range of special products which guarantee reliable protection of patients, personnel and materials.

	Application area					Application type		Product properties		product type	
	dental drills/ instruments	impression/ prosthetic materials	suction systems	disinfection	cleaning	Immersion	Ultrasound bath	Aldehydes	QAC	Concentrate	ready to use
DESCOSUC			✓	✓	✓				✓	✓	
DESCOSUC CLEANER			✓		✓					✓	
ORANGE SOLVENT					✓						✓
DESCODRILL	✓			✓	✓	✓	✓		✓		✓
DESCOPRENT		✓		✓	✓	✓	✓	✓	✓		✓

VAH/DGHM

CE 0482



DESCOSUC

disinfectant for dental suction systems

- excellent cleaning power
- low-foaming
- optimal material protection for suction systems

DESCOSUC is an aldehyde- and phenol-free disinfectant and cleaner with a high degree of material compatibility for all dental suction systems. It is free from active chlorine and thus suitable for use with dental suction systems with integrated amalgam separators, as it does not remobilise heavy metals, such as mercury from amalgam. DESCOSUC is especially low-foaming.

Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/DGHM/EN13624/EN13727/EN14561/EN14562	instrument disinfection acc. to German guidelines/VAH/DGHM/EN, dirty conditions: 1 % 30 min.
tuberculocidal	
active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus	

Single unit	Unit	Art.-No.
5 L container	3	00-814-050EXD

CE



DESCOSUC CLEANER

cleaner for dental suction systems

- excellent cleaning power
- low-foaming
- additional intensive cleaner for use with *DESCOSUC*

DESCOSUC CLEANER is a liquid intensive cleaner for dental suction systems to be used once or twice a week in addition to a disinfectant. It guarantees for an optimal cleaning and a trouble-free, smooth operation of the dental suction system.

Dosage/exposure times		
normal organic soiling	5 %	1.5 - 2 h
high organic soiling	10 %	1.5 - 2 h

Single unit	Unit	Art.-No.
5 L container	3	00-818-050EXD

CE



ORANGE SOLVENT

special cleaner for dental instruments

- made of natural orange oils
- with excellent cleaning power
- removes dental material residues easily

ORANGE SOLVENT is a ready to use cleaning solution which thoroughly removes alginate- and cement residues as well as zinc-eugenol spots from dental instruments and inventory. It is also suitable for removing adhesive residues, permanent marker residues and streaks from flooring.

Single unit	Unit	Art.-No.
250 ml PET bottle	9	00-805-0025EXD
500 ml PET bottle	6	00-805-005EXD

VAH/DGHM

CE 0482



DESCO DRILL

ready to use disinfectant for rotating instruments

- contains corrosion inhibitors
- suitable for ultrasonic baths
- high degree of material compatibility

Ready to use aldehyde- and phenol-free preparation for manual disinfection by immersion and for cleaning of dental drills and other rotating precision instruments. Due to its high degree of material compatibility DESCO DRILL can also be used on sensitive materials such as drills made of aluminium, rubber polishers and arkansas stones.

Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/DGHM	Instrument disinfection acc. to German guidelines/VAH/DGHM dirty conditions: conc. 5 min.
tuberculocidal	
active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus	
active against Polio virus (at 50 °C)/Adeno virus/Papova/Polyoma virus	

Single unit	Unit	Art.-No.
5 L container	3	00-815-050EXD
2 L bottle	6	00-815-020EXD

VAH/DGHM

CE 0482



DESCOPRENT

disinfectant for dental impressions and prosthetic materials

- no influence on dimensional accuracy
- does not damage surfaces
- good wetting properties, can be rinsed-off easily

Ready to use formaldehyde- and phenol-free disinfectant cleaner for dental workpieces and prosthetic dentistry materials such as polyethers, A/C silicones, alginates and hydro-colloids. DESCOPRENT offers strong cleaning power and dissolves soiling such as blood and saliva residues.

Antimicrobial properties	Directions for use
bactericidal incl. MRSA, yeasticidal acc. to VAH/DGHM	Instruments disinfection acc. to German guidelines/VAH/DGHM dirty conditions: conc. 5 min.
active against all enveloped viruses incl. Hepatitis B virus/HIV/Hepatitis C virus	
active against Rota virus	

Single unit	Unit	Art.-No.
5 L container	3	00-813-050EXD



Dispenser, Dosage, Holder

71-75

Application aids

Application aids

Wall dispensers & dosage aids

WALL DISPENSERS



AK 500 / 1000 PLUS

- autoclavable Euro dispenser with aluminum casing
- stain-less steel pump can be easily removed without disassembling
- short or long stainless steel lever
- for 500 ml or 1000 ml bottles
- available with matching lockable cap
- dosing 1.5 ml per stroke, can be reduced in three steps



SPE 500 / 1000

- armbar wall dispenser SPE 500 and SPE 1000 in plastic design
- for 500 ml and 1000 ml bottles
- closed design with window
- inclusive drop catcher
- very stable, long plastic lever
- dosing 1.8 ml per stroke, can be reduced in three steps



SPE TOUCHLESS 500 / 1000

- touchless disinfectant dispenser
- for 500 ml and 1000 ml bottles
- closed design with window
- inclusive drop catcher
- dosing 1.8 ml per stroke, can be reduced in three steps



DESIPOINT ready assembled, mobile tower with stand

- hygienic stainless steel construction
- quick and easy mounting
- for combination with all commercial dispensers



DESIPOINT PRO ready assembled, mobile tower with stand

- integrated TFT screen
- quick and easy mounting
- for combination with all commercial dispensers

DOSAGE AIDS



Dosage aids

- 1 dosage bottle 1000 ml with 60 ml measuring container
- 2 container opener
- 3 dosage pump with 30 ml/stroke, fits 2 l bottle, 5 l or 10 l container. Distance piece available on demand for smaller dosing (20 ml, 10 ml)
- 4 dosage pump with 3 ml/stroke, fits for 500/1000 ml bottles
- 5 tap for 2 l bottle and 5, 10 and 30 l container
- 6 spray head with adapter suitable for 500 ml/ 1000 ml bottles
- 7 foam spray head with adapter suitable for 500 ml / 1000 ml bottles
- 8 measuring jug 3 l
- 9 measuring cup 40 ml

Disinfection tubs

capacity	tub size (l x w x h)	strainer insert size (l x w x h)
1 L	223 x 149 x 91 mm	145 x 112 x 70 mm
3 L	315 x 206 x 125 mm	205 x 160 x 100 mm
4 L	343 x 213 x 115 mm	280 x 192 x 112 mm
5 L	394 x 260 x 156 mm	255 x 200 x 125 mm
10 L (for endoscopes)	870 x 235 x 160 mm	695 x 170 x 128 mm

Drill box

- for rotating dental precision instruments
capacity 100 ml size Ø 91 mm x 73 mm

HOLDER

DESCOFLEX box holder DH

- can be fixed onto walls, etc.
- suitable for all common disinfection
- wipe containers
- made of chrome-plated steel



DESCOFLEX wall bottle holder WH

- bottle holder to be fixed onto walls
- suitable for 500 ml / 1000 ml bottles
- made of chrome-plated steel



DESCOFLEX mobile bottle holder MH

- to be put on bedsteads, etc.
- suitable for 500 ml / 1000 ml bottles
- made of chrome-plated steel



Coloured lids for dispenser buckets



Should you prefer to use different coloured dispensers for different departments or products we can supply you with following versions:

- **blue lid:**
blue withdrawal opening
white withdrawal opening
- **white lid:**
blue withdrawal opening
white withdrawal opening
green withdrawal opening
red withdrawal opening
yellow withdrawal opening

Wall holders for disinfection wipe systems

- space-saving wall mounting
- different sizes
- lockable cover plate



DESCO WIPES DT SMALL



DESCO WIPES DT & ECO WIPES



one system basic



one system PLUS

DESCOMAT KOMPAKT DIGITAL

automated dosage machines

Computer controlled dosage machine for disinfectants and cleaners

Descomat Kompakt digital is an innovative advancement of Descomat Kompakt which established itself on the market during the last years. It is completely computer controlled and therefore easy to handle. Its outstanding technical functionality sets new standards for electronic dosage machines.



Especially user-friendly

- system status is shown on a four-row display
- easy to handle and monitor
- dosage rates: 0.25 - 5 % (optional up to 8 %), variable in 0.25 % steps
- pre-selection of use dilution amount continuously variable in 0.4 l steps
- two different application concentrations and issue quantities can be set up for one product (e.g. one for routine disinfection acc. to VAH, one for the case of an epidemic acc. to RKI)
- closed system construction that prevents bacterial contamination
- conforms to the guidelines of BAM (German Institute for material testing) and RKI (Robert Koch Institute)

Outstanding technical functionality

- clearly arranged technology, easy to maintain and repair
- USB-port for an easy upload of all usage-/failure data via PDA or notebook (optional)
- all functions of sensors and actuators displayed via LED (helpful for local technician)
- electronics covering made of acrylic glass
- lockable door, can be opened without tools
- made of stainless steel and other corrosion-resistant materials

Types and dimensions

- available as double-unit for two containers, allows for the dosing of two products at the same time
- available with green display (lightly illuminated) for rooms with daylight, alternatively with illuminated blue display e.g. for windowless rooms
- lightweight (8 kg), allows for an installation also on less sustainable walls
- dimensions (HWD): 30 x 20 x 17 cm

Application aids overview

Wall dispensers	Size	Art.-No.	Units
AK 500/1000 plus (long lever)	500 ml	00-901-005-01	1x1
	1000 ml	00-901-010-01	1x1
AK 500/1000 plus (short lever)	500 ml	00-903-005-01	1x1
	1000 ml	00-903-010-01	1x1
SPE 500/1000	500 ml	00-918-005	1x1
	1000 ml	00-918-010	1x1
SPE Touchless 500/1000	500 ml	00-911-005TL	1x1
	1000 ml	00-911-010TL	1x1
Wall dispenser accessories	Size	Art.-No.	Units
Drop catcher AK 500 Plus	500 ml	00-901-205	1x1
Drop catcher AK 1000 Plus	1000 ml	00-901-210	1x1
DESIPOINT	Size	Art.-No.	Units
DESIPOINT	160 cm	00-902-DS	1x1
DESIPOINT PRO	150 cm	00-902-DSD	1x1
Box and wall holders	Size	Art.-No.	Units
Descoflex box holder DH	--	00-902-DH	1x1
Descoflex wall bottle holder WH	500 ml / 1000 ml	00-902-WH	1x1
Descoflex mobile bottle holder MH	500 ml / 1000 ml	00-902-MH	1x1
DESCO WIPES DT + ECO WIPES wall holder	--	00-902-EIM	1x1
DESCO WIPES DT SMALL wall holder	--	00-902-EIMK	1x1
one system basic wall holder	--	00-902-OSB	1x1
one system PLUS wall holder	--	00-902-OSP	1x1
Dosing aids	Size	Art.-No.	Units
Dosage bottle 1000 ml with 60 ml measuring container	1000 ml	00-904-010	10x1
Container opener	--	00-909-050	10x1
Dosage pump with 30 ml/stroke	2 L / 5 L / 10 L	00-906-000-01	1x1
Tap for 2 l bottle and 5, 10 L container	2 L / 5 L / 10 L	00-907-000	10x1
Dosage pump with 3 ml/stroke	500 ml / 1000 ml	00-906-005-02	1x1
Spray head with adapter	500 ml / 1000 ml	00-905-010	10x1
Foam spray head with adapter	500 ml / 1000 ml	00-912-010	10x1
measuring jug 3 L	3 L	00-906-030	1x1
measuring cup 40 ml	40 ml	00-906-0004	1x1

Disinfection tubs	Size	Art.-No.	Units
Drill box	100 ml	00-908-001	1x1
1 Liter	1 L	00-908-010	1x1
3 Liter	3 L	00-908-030	1x1
4 Liter	4 L	00-908-040	1x1
5 Liter	5 L	00-908-050	1x1
10 Liter	10 L	00-908-100	1x1
Dosage machines	Size	Art.-No.	Units
DESCOMAT Kompakt Digital	--	00-904D-KPE	1x1
DESCOMAT Kompakt double unit Digital	--	00-904D-KPD	1x1
Dispenser buckets 5l	Size	Art.-No.	Units
DESCO WIPES DT dispenser bucket empty	5 L	00-915-E001	1x1
DESCO WIPES DT dispenser bucket empty	5 L	00-915-E002	6x1
ECO WIPES dispenser bucket empty	5 L	00-915-EEW001	1x1
ECO WIPES dispenser bucket empty	5 L	00-915-EEW002	6x1
blue lid - blue withdrawal opening	--	EIM-OT05BL02	1x1
blue lid - white withdrawal opening	--	EIM-OT05BW01	1x1
white lid - blue withdrawal opening	--	EIM-OT05WB01	1x1
white lid - white withdrawal opening	--	EIM-OT05WE02	1x1
white lid - green withdrawal opening	--	EIM-OT05WGR01	1x1
white lid - red withdrawal opening	--	EIM-OT05WRO01	1x1
white lid - yellow withdrawal opening	--	EIM-OT05WGE01	1x1
Dispenser buckets 3l	Size	Art.-No.	Units
DESCO WIPES DT SMALL dispenser bucket empty	3 L	00-915-EK004	1x1
DESCO WIPES DT SMALL dispenser bucket empty	3 L	00-915-EK005	6x1
blue lid - blue withdrawal opening	--	EIM-OT03BL02	1x1
white lid - blue withdrawal opening	--	EIM-OT03WB01	1x1
white lid - white withdrawal opening	--	EIM-OT03WE02	1x1
white lid - red withdrawal opening	--	EIM-OT03WRO01	1x1



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