

The STOKO® 4-point-programme

Customized solutions for your workplace



STOKO®

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hand hygiene



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The STOKO® 4-point-programme

A well-balanced skin care programme keeps the skin permanently healthy. In addition to skin protection, skin cleansing and skin care, hand disinfection plays an increasingly growing role.

STOKO® Professional Skin Care has therefore brought together the corresponding products of the STOKO® Programme in a new product line, the Stokosept® series.

The new 4-point programme is marked by a colour code:

- 1. blue:**
hazard-specific skin protection
- 2. teal:**
hand disinfectants
- 3. green:**
skin cleansing according to contamination type
- 4. red:**
consistent skin care based on skin type

All products of the 4-point programme feature optimum skin compatibility, maximum efficacy and exceptional cost efficiency.

In the process of rebranding most of the products from the STOKO® Programme have been renamed as well. For your convenience, the old names have been added between brackets after the new product names.



Introducing STOKO® Professional Skin Care

STOKO® Professional Skin Care is one of the leading manufacturers of skin protection for occupationally stressed skin. With more than 75 years of experience in the field of occupational skin protection, our brand STOKO® has achieved the highest degree of expertise.

Research & Development



Research and development plays a crucial role at STOKO®. Our team of experts develop and test STOKO® products drawing on the latest scientific findings, in addition to the help of external institutes. In a Code of Practice going well beyond the

statutory requirements, we have firmly committed ourselves to applying the highest standards for selection of the raw materials needed, in terms of dermatological, ecological and cosmetic aspects.

Production



STOKO® Professional Skin Care manufactures high-quality cosmetic products for customers around the world. These products are made, bottled or filled into their packaging using state-of-the-art systems and equipment. As a manufacturer of cosmetic products we are subject to the

regulations governing cosmetics, and organize production in line with the rules of Good Manufacturing Practice (GMP). Concerning the microbiological standard we are in line with the far more stringent standards laid down for the pharmaceutical industry.

Quality management



The Evonik site in Krefeld has for many years been certified in accordance with the quality standard EN ISO 9001. In the mean time we have introduced a quality

management system to ensure that our exacting standards of hygiene and quality as well as the services we provide are constantly kept at the highest levels.

STOKO® Academy



In addition to high-quality products, training and motivating the staff are equally important in preventing occupational skin diseases. This is what we do in the STOKO® Academy we founded many years ago.

By means of regular trainings and comprehensive demonstrations we inform employees about the workplace skin hazards, demonstrate the correct application of skin care products and support the motivation of employees for the purpose of the use of it.

Environmental management



The STOKO® environmental management system has been certified under EN ISO 14001. During the product development process, STOKO® pays particular attention to the environmental compatibility of raw materials.

Many of our skin cleansing products have been awarded the EU-Ecolabel, illustrating the perfect ecological compatibility of STOKO® products.

Product testing



STOKO® Professional Skin Care is constantly developing as well as improving existing methods for efficacy and skin compatibility testing of the products.

These products are tested in our own biophysical laboratories under the supervision of independent dermatologists, as well as in external, renowned institutes.

Sustainability



STOKO® strives to implement the principles of responsible and sustainable product-supported research and development. STOKO® is committed to the principles of "Responsible Care", of "Product Stewardship" and of

"Sustainable Development". This means that not only do we consider the optimal performance of our products an essential part of our development policy, but also their impact on people and their environment.

Service



The STOKO® service guarantee permanently offers the highest level of customer care and advice. A qualified team of dermatologists, trained back office staff and scientific advisors can be consulted in the office or contacted

by phone. This kind of personal contact ensures a quick and practical solution to skin problems. And of course the website www.stoko.com provides you with a wide range of important information.



Skin protection

Targeted use of skin protectants helps prevent occupational dermatitis and cut costs.

Skin protectants need to be selected according to the skin hazards present at the particular workplace. After an in-depth hazard analysis, which will first of all assess how implementation of technical, organisational and personal protective measures might help

(e.g. wearing gloves), skin protectants can be used as a preventive measure. If the optimum effect is to be achieved, it is vital that the right skin protectants be chosen for the specific workplace substances encountered.

Application

Before work and after each break apply to clean and dry hands. Rub in carefully between fingers. Do not forget fingertips and around the fingernails!



Skin protection products and their features

	Features							Dispensers
	silicone-free	colourant-free	preservative-free	perfume-free	perfumed	paraben-free	can be used on the face as well	all Stoko Vario® dispensers
Skin protection products								
Stokoderm® universal	•	•			•			•
Stokoderm® aqua	•	•	•	•		•	•	•
Stokoderm® foot care	•	•	• *		•	•		
Stokoderm® frost	•	•			•	•	•	
Stokoderm® glove&grip	•	•		•	•	•	•	•
Stokoderm® sensitive	•	•	•	•		•	•	•
Stokoderm® UV 30	•	•	•		•	•	•	•
Stokoderm® UV 50+ outdoor		•			•	•	•	
Travabon® classic	•	•			•	•		
Travabon® S classic	•	•			•	•		•
Travabon® light	•	•			•	•		•
Travabon® special	•	•		•			•	•

* contains alcohol

Skin protection against oil based and water-insoluble workplace substances



Travabon® light [STOKO PRELABO®]

Typical hazards	Features	Characteristics
<ul style="list-style-type: none"> stubborn, non-water-soluble dirt such as oils, paints, graphite, metallic dust, adhesives dry dust 	<ul style="list-style-type: none"> facilitates cleansing of the skin thanks to soil suspending emulsifiers increases the hands' grip with allantoin and glycerine contains EUCORIOl® skin protectant 	<ul style="list-style-type: none"> ointment oil-free pigment-free

Packaging: 100-ml-tube • 1000-ml-soft bottle



Travabon® classic [TRAVABON®]



Typical hazards	Features	Characteristics
<ul style="list-style-type: none"> water-insoluble substances stubborn, non-water-soluble dirt such as oils, paints, graphite, metallic dust, carbon black, adhesives 	<ul style="list-style-type: none"> enhanced protective action through skin protection pigments facilitates cleansing of the skin thanks to soil suspending emulsifiers with glycerine and emollients 	<ul style="list-style-type: none"> ointment (suspension) oil-free

Packaging: 20-ml-tube • 100-ml-tube



Travabon® S classic [TRAVABON® S]



Typical hazards	Features	Characteristics
<ul style="list-style-type: none"> water-insoluble substances stubborn, non-water-soluble dirt such as oils, paints, graphite, metallic dust, carbon black, adhesives 	<ul style="list-style-type: none"> enhanced protective action through skin protection pigments facilitates cleansing of the skin thanks to soil suspending emulsifiers with glycerine and emollients 	<ul style="list-style-type: none"> ointment (suspension) oil-free

Packaging: 1000-ml-soft bottle



Travabon® special [ARRETIL®]



Typical hazards	Features	Characteristics
<ul style="list-style-type: none"> clinging resins oils, grease, water-insoluble substances 	<ul style="list-style-type: none"> enhanced protective action through skin protection pigments helps stop resins clinging with glycerine and emollients 	<ul style="list-style-type: none"> ointment (O/W emulsion) non-oily perfume-free

Packaging: 100-ml-tube • 1000-ml-soft bottle

Skin protection against water based and alternating workplace substances, skin stressing weather conditions and protective clothing

Stokoderm® aqua [STOKO PROTECT+®]



Typical hazards	Features	Characteristics
<ul style="list-style-type: none"> wet work water-based solutions of: dyestuffs, acids, alkaline solutions, salts, cleaning agents and disinfectants water-based workplace substances such as cooling lubricants cement, lime and fertilizers wearing occlusive protective clothing 	<ul style="list-style-type: none"> with repair effect stabilises, regenerates and strengthens the skin barrier with active complex containing bisabolol HACCP-assessed is swiftly absorbed 	<ul style="list-style-type: none"> soft cream (3-phase W/O/W emulsion) slightly oily perfume-free preservative-free



Packaging: 20-ml-tube • 100-ml-tube • 500-ml-bottle (with hand pump) • 1000-ml-soft bottle

Stokoderm® sensitive [PRAECUTAN® TWINPROTECT SENSITIVE]



Typical hazards	Features	Characteristics
<ul style="list-style-type: none"> universal skin protection against oil and water based substances and when working with alternating workplace substances not clearly defined and nonspecific skin hazards 	<ul style="list-style-type: none"> optimum skin compatibility for sensitive and highly-stressed skin for use under gloves contains glycerine and conditioner contains skin protectant 	<ul style="list-style-type: none"> cream (O/W emulsion) slightly oily perfume-free colourant-free preservative-free



Packaging: 100-ml-tube • 1000-ml-soft bottle

Stokoderm® universal [STOKO® UNIVERSAL]



Typical hazards	Features	Characteristics
<ul style="list-style-type: none"> water-insoluble substances such as oils, paints, graphite, adhesives water-soluble substances such as cooling lubricants, water-based solutions, cleaning agents working with alternating workplace substances stubborn contamination 	<ul style="list-style-type: none"> unique all-in-one skin protection is swiftly absorbed facilitates cleansing of the skin with natural film former and moisturizer 	<ul style="list-style-type: none"> cream (O/W-emulsion)



Packaging: 100-ml-tube • 1000-ml-soft bottle

Stokoderm® glove&grip [STOKO® EMULSION]



Typical hazards	Features	Characteristics
<ul style="list-style-type: none"> wearing gloves water-based workplace substances light mechanical stress from e.g. glass fibre 	<ul style="list-style-type: none"> helps protect the skin from softening under gloves contains BIO-ingredients contains natural protecting complex increases the strength of the upper skin layer fast absorption economical in use 	<ul style="list-style-type: none"> gel-lotion (O/W emulsion) ivory-colored perfumed or perfume-free



Packaging: 250-ml-bottle • 1000-ml-soft bottle



Stokoderm® frost [STOKO FROST PROTECT®]



Typical hazards	Features	Characteristics
<ul style="list-style-type: none">working under cold conditions outside and in refrigerated environments	<ul style="list-style-type: none">with anti-freeze effectwith skin soothing ingredients panthenol, glycerine and allantoinis swiftly absorbed	<ul style="list-style-type: none">cream (W/O-emulsion)

Packaging: 100-ml-tube



Stokoderm® foot care [STOKO FOOT CARE®]



Typical hazards	Features	Characteristics
<ul style="list-style-type: none">wearing rubber boots, safety shoes	<ul style="list-style-type: none">reduces skin swelling in air-impermeable shoes and bootssupports the prevention of athlete's footdeodorising effect thanks to the addition of ethereal oils (rosemary, sage, eucalyptus)contains skin protectant	<ul style="list-style-type: none">alcoholic solution

Packaging: 100-ml-pump spray bottle – propellant free



Stokoderm® UV 30 [STOKO® UV30 COMPLETE]



Typical hazards	Features	Characteristics
<ul style="list-style-type: none">extreme UV exposure fromsun radiationelectric and electric arc weldingworking with gas burners	<ul style="list-style-type: none">high protection against UVB radiation (UVB 30)high (UVA) protection according to recommendation of the EU (min 1/3 UVB)protection against UVC radiationcontains active ingredients glycerine, allantoin, vitamin E and creatinewater-resistant	<ul style="list-style-type: none">cream (O/W-emulsion)

Packaging: 100-ml-tube • 1000-ml-soft bottle



Stokoderm® UV 50+ outdoor **NEW**



Typical hazards	Features	Characteristics
<ul style="list-style-type: none">extreme UV exposure fromwork outdoors	<ul style="list-style-type: none">very high protection against UVB radiation (UVB 50+)very high (UVA) protection according to recommendation of the EU (min 1/3 UVB)immediate protection24-hour hydrationalso for sensitive skinwith the care ingredients panthenol, vitamin E, glycerine and Opuntia Ficus-India Stem Extract (AquaCacteen)extra water-resistant	<ul style="list-style-type: none">cream (O/W-emulsion)contains silicone

Packaging: 200-ml-pump spray bottle - propellant free



Using skin protectants does not mean the prescribed protective measures no longer need to be taken.
Please note that for reasons of trademark protection, the soft bottles from the STOKO® Programme may only be used in those dispensers which are marked with Stoko Vario® or STOKO®.

Nice to know

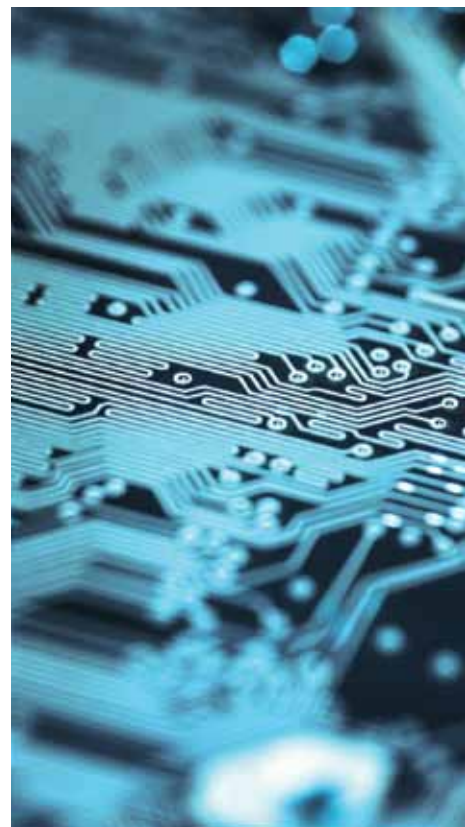
STOKO® products are free of preservatives

Without water microorganisms cannot survive nor multiply. Consequently, water-free cosmetics do not need preservatives to prevent contamination. In their status of water soluble emulsions, most cosmetics need preservatives, not only to guarantee stability and preservation but at the same time to protect the user from microorganisms that might enter the product upon use.

STOKO® Professional Skin Care uses several techniques in order to deliver stable, safe and yet preservative-free products:

- Reduction of the free moisture content (on which microorganisms grow) through the addition of particular ingredients.
- A combination of skin conditioners with antimicrobial and/or reinforcing properties
- Special hygiene requirements during the manufacturing process.
- No use of water such that the products are completely water-free.

This whole combination of moisture content, production method and the selection of the ingredients used enables us to offer preservative-free products.



Hand hygiene

Hand hygiene and hand disinfection are the most important measures to protect from infections.

Since the hands constitute the main transmission routes for germs, they have become increasingly important in the protection against infections. Good hand hygiene consists of several measures, each of which serves a different goal:

- Protection against the spreading of contamination on the skin with obligate or potential pathogens.
- Removing and/or killing of transient microorganisms (surgical hand disinfection: resident flora).
- Removal of contamination.

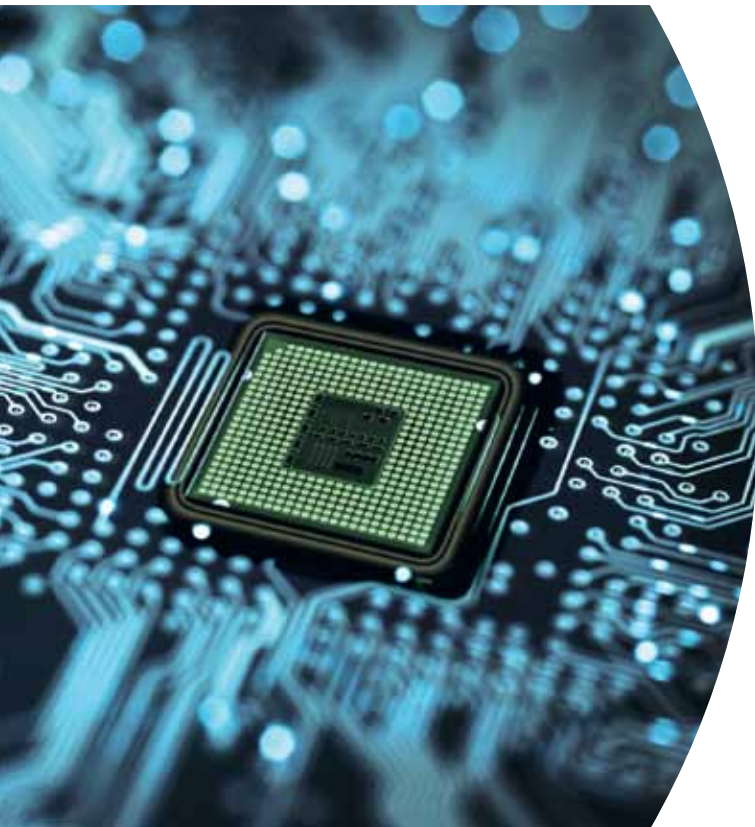
Disinfection is a central feature in all aspects, next to methodical mild skin cleansing and ensuing skin care. In order to be effective, close adherence to the application instructions and the use of disinfectants with the proper efficacy spectrum (bacteria, fungi, viruses) is indispensable.

Application of products for hygienic hand disinfection (without water)

Apply indicated amount of product on dry hands and rub according to European standard EN 1500 for hygienic handrub. Keep hands wet for the full indicated time. Only put on gloves when hands are totally dry.

Application of products for hygienic hand washing (with water)

Apply indicated amount of product on moist hands and rub thoroughly according to European standard EN 1499 for hygienic hand wash. Keep hands wet for the full indicated time. Rinse abundantly. Dry carefully.



Hand hygiene products and their features

Hand hygiene products	Features										Dispensers
	EN 1500 - hygienic hand disinfection	EN 1499 - hygienic handwash	alcohol-free	soap-free	silicone-free	colourant-free	perfume-free	perfumed	paraben-free	matched to the pH-value of human skin	all Stoko Vario® dispensers
Stokosept® gel	•			•	•	•	•		•	•	•
Stokosept® protect	•			•	•	•	•		•	•	•
Stokosept® wash		•	•	•		•	•		•	•	•

Hand disinfection without water



Stokosept® gel [STOKOSEPT® GEL]

Typical hazards	Features	Characteristics
<ul style="list-style-type: none"> bacteria (incl. MRSA, TB), fungi enveloped viruses (HBV, HCV, HIV, influenza viruses such as A/H1N1 and H5N1) 	<ul style="list-style-type: none"> hygienic hand disinfectant as defined by EN 1500*, EN 12791** limited virucidal fungicidal kills 99.999 % of germs HACCP-assessed contains care ingredients (panthenol, glycerine) pleasantly refreshing effect reduces unpleasant odours on the skin 	<ul style="list-style-type: none"> alcoholic gel perfume-free <p>Active ingredients</p> <ul style="list-style-type: none"> 58,4 g Ethanol / 100 g product 9,98 g Propan-2-ol / 100 g product

Packaging: 100-ml-bottle • 500-ml-bottle (with hand pump) • 1000-ml-soft bottle

Skin protection and Hand disinfection without water



Stokosept® protect [STOKO PROGEL®]

Typical hazards	Features	Characteristics
<ul style="list-style-type: none"> wearing gloves especially in hygiene-sensitive areas bacteria, fungi, HBV-, HIV-viruses 	<ul style="list-style-type: none"> hygienic hand disinfectant as defined by EN 1500* good skin compatibility helps protect the skin from going soft under gloves contains natural skin protectant hamamelis contains care ingredients panthenol and glycerine HACCP-assessed used without gloves, fingerprints are reduced and grip is improved 	<ul style="list-style-type: none"> alcoholic gel perfume-free <p>Active ingredients</p> <ul style="list-style-type: none"> 60,7 g Ethanol / 100 g product 9,98 g Propan-2-ol / 100 g product

Packaging: 100-ml-bottle • 500-ml-bottle (with hand pump) • 1000-ml-soft bottle

Hygienic handwash with water



Stokosept® wash NEW FORMULATION

Typical hazards	Features	Characteristics
<ul style="list-style-type: none"> fat and protein contamination bacteria (incl. MRSA, VRE) certain viruses (BVDV, RSV, HS-V1, HIV, HBV) yeasts (Candida Albicans) 	<ul style="list-style-type: none"> hygienic handwash which complies with the requirements of EN 1499*** bacterial reduction and hand cleansing in one go bactericidal (EN 1040, prEN 13727, EN 1499), yeasticidal (EN 1275, EN 1650) efficient against certain viruses (EN 14476) very good skin compatibility pre-registered according to Biocides Directive 98/8/EC 	<ul style="list-style-type: none"> liquid hand cleanser alcohol-free soap-free, silicone-free perfume-free skin-friendly pH-value <p>Active ingredient</p> <ul style="list-style-type: none"> 1,6 g Chlorhexidine digluconate/100 g product

Packaging: 250-ml-bottle • 500-ml-bottle (with hand pump) • 1000-ml-soft bottle • 2000-ml-soft bottle • 5-l-canister (with hand pump)

Use hand hygiene products safely. Always read label and product information before use.



Please note that for reasons of trademark protection, the soft bottles from the STOKO® Programme may only be used in those dispensers which are marked with Stoko Vario® or STOKO®.

* The EN 1500 describes the test methods and requirements for hygienic hand disinfection.

** The EN 12791 describes the test methods and requirements for surgical hand disinfection.

*** The EN 1499 describes the test methods and requirements for hygienic handwash.

Nice to know

Alcohol-based products for hygienic and surgical hand disinfection

As advised by both the WHO* and the CDC**, as well as by many national directives (AMWF***, RKI****), hand disinfectants should ideally have alcoholic active ingredients. For most clinical applications the use of alcohol-based disinfectants is the current gold standard in hand hygiene.

Alcohol-based hand disinfectants offer many advantages. Apart from their quick and wide range of effectiveness and their low systemic toxicity, they have a low risk of resistance development. Moreover they are characterized by an inherent relatively good skin compatibility, even though the addition of skin care agents for optimal skin compatibility is recommended.

Alcoholic disinfectants are mostly based on a mixture of ethanol, propanol or isopropanol, which all reach highest efficacy at a concentration of between 60 % and 95 %. Yet, alcohol blends are mostly reaching high enough levels of efficacy from 60 % to 75 %.

* WHO = World Health Organisation **CDC: Centers for Disease Control and Prevention, USA

*** AMWF: Association of the Scientific Medical Societies of Germany **** RKI: Robert Koch Institute, Germany



Skin cleansing

A good rule for skin cleansing is: as powerful as necessary, as gentle as possible.

What is required of skin cleansers at work is quite different to what is required of the skin cleansers commonly used at home. Contact with heavy-duty to extreme contamination and very stubborn substances, as well as frequently needing to wash

hands are an everyday reality at work. Selecting the products according to the specific types of contamination involved is the most important principle for gentle and at the same time economical skin cleansing.



Fig. exemplary cleansing capacity ③

- | | |
|--|--|
| ① normal cleansing capacity for light contamination | ④ strong to very strong cleansing capacity to remove strong to very strong contamination |
| ② enhanced cleansing capacity for light to moderate contamination | ⑤ very strong to extremely strong cleansing capacity for extreme and special contamination |
| ③ enhanced cleansing capacity for moderate to strong contamination | |

Application

After work and before each break put a small quantity on to hands and spread over the skin. Heavy-duty and special hand cleansers should be applied onto dry hands. Add just a little water and continue washing. Rinse off using plenty of water. Dry carefully.



Skin/hand cleansing products and their features

Skin/hand cleansing products	Features											Dispensers		
	soap-free	silicone-free	solvent-free	preservative-free	colourant-free	perfume-free	perfumed	paraben-free	contains scrubbing-agent Astopon® (refined walnut shell powder)	matched to the pH-value of human skin	suitable as shower gel	Stoko® alu dispenser	all Stoko Vario® dispensers	Kresto kwik-wipes® dispenser
Estesol® classic	•	•	•				•	•		•	•	•	•	
Estesol® hair&body	•	•	•				•	•		•	•		•	
Estesol® mild wash	•	•	•		•	•		•		•	•	•	•	
Estesol® premium	•	•	•	•	•		•	•		•	•	•	•	
Estesol® wash&care	•	•	•				•	•		•	•		•	
Estesol® sensitive	•	•	•	•	•	•		•		•	•		•	
Kresto® bitumen	•	•		•	•	•		•				•		
Kresto® classic	•	•			•		•	•	•	•			•	
Kresto® colour	•	•		•	•		•	•	•				•	
Kresto kwik-wipes®	•	•			•		•	•		•				•
Kresto® paint	•	•		•	•		•	•	•				•	
Kresto® paint liquid	•	•		•	•		•	•				•		
Solopol® classic	•	•	•		•		•	•	•	•			•	
Solopol® light	•	•	•		•		•	•	•	•			•	
Solopol® natural	•	•	•		•	•	•	•	•	•			•	
Solopol® soft	•	•	•				•	•		•	•		•	
Solopol® strong	•	•	•		•		•	•	•	•			•	

Liquid skin and hand cleanser for light to moderate contamination



Estesol® classic [ESTESOL®]



Type of contamination	Features	Characteristics
<ul style="list-style-type: none"> light contamination 	<ul style="list-style-type: none"> mild cleansing action ① contains skin-compatible sugar surfactant with conditioner 	<ul style="list-style-type: none"> liquid skin cleanser gentle fresh scent skin-friendly pH-value

Packaging: 1000-ml-bottle • 2000-ml-soft bottle • 5-l-canister (with hand pump) • 10-l-canister



Estesol® mild wash [FRAPANTOL® ECO'LINE]



Type of contamination	Features	Characteristics
<ul style="list-style-type: none"> light contamination 	<ul style="list-style-type: none"> mild cleansing action ① contains skin friendly surfactants contains skin-soothing and moisture-retaining agents contains skin protectant Eucornol® particularly recommended for the food and beverage industries 	<ul style="list-style-type: none"> liquid skin cleanser with pearlizer skin-friendly pH-value perfume-free

Packaging: 250-ml-bottle • 500-ml-bottle (with hand pump) • 1000-ml-bottle • 2000-ml-soft bottle • 5-l-canister (with hand pump) • 10-l-canister



Estesol® wash&care [DERMINOL®]



Type of contamination	Features	Characteristics
<ul style="list-style-type: none"> light to medium-duty contamination 	<ul style="list-style-type: none"> skin cleanser and nurturing shower gel ① contains the skin's own energy booster creatine contains aloe vera and skin care conditioner contains natural moisture-retaining agents 	<ul style="list-style-type: none"> liquid skin cleanser light fruity scent apricot-colours with pearlizer skin-friendly pH-value

Packaging: 250-ml-bottle • 2000-ml-soft bottle



Estesol® hair&body [STOKO® HAIR & BODY]



Type of contamination	Features	Characteristics
<ul style="list-style-type: none"> light contamination 	<ul style="list-style-type: none"> 2 in 1-shower gel for body and hair ① contains skin-compatible sugar surfactant contains conditioner making it easier to comb hair 	<ul style="list-style-type: none"> liquid skin cleanser fresh unisex scent skin-friendly pH-value

Packaging: 250-ml-bottle • 2000-ml-soft bottle



Estesol® premium [PRAECUTAN® PLUS]

Type of contamination	Features	Characteristics
<ul style="list-style-type: none">• light to medium-duty contamination	<ul style="list-style-type: none">• good cleansing power ②• contains skin-compatible sugar surfactants• for highly-stressed and sensitive skin• high amount of natural moisturizers	<ul style="list-style-type: none">• liquid skin cleanser• subtly scented• skin-friendly pH-value

Packaging: 250-ml-bottle • 1000-ml-bottle • 2000-ml-soft bottle



Estesol® sensitive [PRAECUTAN® PLUS SENSITIVE]

Type of contamination	Features	Characteristics
<ul style="list-style-type: none">• light to medium-duty contamination	<ul style="list-style-type: none">• good cleansing power ②• contains skin-compatible sugar surfactant• for highly-stressed, sensitive and irritated skin• optimum skin compatibility• high amount of natural moisturizers	<ul style="list-style-type: none">• liquid skin cleanser• perfume-free• colourant-free• preservative-free• skin-friendly pH-value

Packaging: 250-ml-bottle • 1000-ml-bottle • 2000-ml-soft bottle



Solopol® washing cream and skin cleansing pastes for strong to very strong contamination



Solopol® soft [VERAPOL+®]

Type of contamination	Features	Characteristics
<ul style="list-style-type: none"> • changing or varying contamination grades from e. g. oils, greases, carbon black, graphite, metallic dust, lubricants 	<ul style="list-style-type: none"> • very good cleansing action ③ • suitable for sensitive skin • can be used on the face • contains aloe vera • can be used with or without water 	<ul style="list-style-type: none"> • cleansing cream • perfumed • scrubbing agent-free • skin-friendly pH-value

Packaging: 250-ml-tube • 2000-ml-soft bottle



Solopol® light [NEOPOL® ECO'LINE]



Type of contamination	Features	Characteristics
<ul style="list-style-type: none"> • medium-to heavy-duty contamination from e.g. oils, greases, carbon black, graphite, metallic dust, lubricants 	<ul style="list-style-type: none"> • very good cleansing action ③ • contains skin protectant Eucornol® • leaves a pleasant skin sensation • contains scrubbing-agent Astopon® (refined walnut shell powder) • contains aloe vera 	<ul style="list-style-type: none"> • paste • perfumed • skin-friendly pH-value

Packaging: 20-ml-tube • 250-ml-tube • 2000-ml-soft bottle • 5-l-canister (with hand pump)



Solopol® natural [SOLOPOL® ECO'LINE]



Type of contamination	Features	Characteristics
<ul style="list-style-type: none"> • heavy-duty to extra-heavy-duty contamination from e.g. oils, greases, carbon black, graphite, metallic dust, lubricants 	<ul style="list-style-type: none"> • strong cleansing action ④ • contains scrubbing-agent Astopon® (refined walnut shell powder) • soft scrubbing effect • contains skin protectant • contains aloe vera and skin care components • leaves a noticeable nurtured, smooth skin sensation 	<ul style="list-style-type: none"> • paste • perfume-free or perfumed • skin-friendly pH-value

Packaging: perfume-free: 20-ml-tube • 2000-ml-soft-bottle
perfumed: 250-ml-tube • 2000-ml-soft bottle



Solopol® classic [SOLOPOL®]



Type of contamination	Features	Characteristics
<ul style="list-style-type: none"> • heavy-duty to extra-heavy-duty contamination from e.g. oils, greases, carbon black, graphite, metallic dust, lubricants 	<ul style="list-style-type: none"> • strong cleansing action ④ • traditional product with proven cleansing system • contains scrubbing-agent Astopon® (refined walnut shell powder) • contains skin protectant Eucornol®, aloe vera and refatting agent • leaves a pleasant skin sensation 	<ul style="list-style-type: none"> • paste • perfumed • skin-friendly pH-value

Packaging: 20-ml-tube • 250-ml-tube • 2000-ml-soft bottle • 5-l-canister (with hand pump)

Solopol® strong [KRESTOPOL®]



Type of contamination	Features	Characteristics
<ul style="list-style-type: none"> extra-heavy-duty to extremely-heavy-duty contamination from e.g. oils, greases, carbon black, graphite, metallic dust, lubricants 	<ul style="list-style-type: none"> extremely strong cleansing action 5 contains scrubbing-agent Astopon® (refined walnut shell powder) contains skin protectant Eucornol®, aloe vera and refatting agent leaves a pleasant skin sensation 	<ul style="list-style-type: none"> paste perfumed skin-friendly pH-value

Packaging: 20-ml-tube • 250-ml-tube • 2000-ml-soft bottle

Skin cleansing for special, extreme and adherent contamination

Kresto® classic [KRESTO®]



Type of contamination	Features	Characteristics
<ul style="list-style-type: none"> extremely-heavy-duty contamination from e.g. oils, greases, carbon black, graphite, metallic dust, lubricants light lacquer contamination 	<ul style="list-style-type: none"> special hand cleanser with very powerful cleansing action 5 contains scrubbing-agent Astopon® (refined walnut shell powder) contains skin protectant Eucornol® contains special solvent 	<ul style="list-style-type: none"> paste perfumed skin-friendly pH-value

Packaging: 250-ml-tube • 2000-ml-soft bottle

Kresto® paint [SLIG® SPEZIAL]



Type of contamination	Features	Characteristics
<ul style="list-style-type: none"> very stubborn and extremely heavy-duty contamination from e.g. lacquers, resins, adhesives, oil-based paints 	<ul style="list-style-type: none"> special hand cleanser with very powerful cleansing action 5 contains scrubbing-agent Astopon® (refined walnut shell powder) contains mild solvent 	<ul style="list-style-type: none"> paste perfumed

Packaging: 20-ml-tube • 250-ml-tube • 2000-ml-soft bottle

Kresto® paint liquid [SLIG®]



Type of contamination	Features	Characteristics
<ul style="list-style-type: none"> very stubborn and extremely heavy-duty contamination from e.g. lacquers, resins, adhesives, oil-based paints 	<ul style="list-style-type: none"> special hand cleanser with very powerful cleansing action 5 contains mild solvent 	<ul style="list-style-type: none"> liquid hand cleanser perfumed scrubbing agent-free

Packaging: 250-ml-bottle • 1000-ml-bottle • 10-l-canister



Kresto® bitumen [CUPRAN®]

Type of contamination	Features	Characteristics
<ul style="list-style-type: none">• extra-heavy-duty to extremely heavy-duty contamination from e.g. tar, pitch, bitumen, resins, adhesives, oil-based paints, lacquers	<ul style="list-style-type: none">• special hand cleanser with very powerful cleansing action ⑤• contains mild solvents	<ul style="list-style-type: none">• liquid hand cleanser• perfume-free• scrubbing agent-free

Packaging: 1000-ml-bottle • 10-l-canister



Kresto® colour [REDURAN® SPEZIAL]

Type of contamination	Features	Characteristics
<ul style="list-style-type: none">• dyestuff contamination which are reducible within the alkaline range e.g. toner, aniline dyes, azo dyes, printing inks, copying inks, fruit and vegetable colourants	<ul style="list-style-type: none">• special hand cleanser with very powerful cleansing action ⑤• contains scrubbing-agent Astopon® (refined walnut shell powder)• with reducing agent	<ul style="list-style-type: none">• paste• perfumed

Packaging: 250-ml-tube • 2000-ml-soft bottle



Kresto kwik-wipes® [KRESTO KWIK-WIPES®]

Type of contamination	Features	Characteristics
<ul style="list-style-type: none">• extra-heavy-duty to extremely heavy-duty contamination from e.g. oils, greases, lubricants, carbon black	<ul style="list-style-type: none">• hand cleansing towels with very powerful cleansing action ⑤• for fast cleansing and pre-cleansing• towel material features high level of dirt absorption• contains special solvent• use without water – ideal for travelling	<ul style="list-style-type: none">• hand cleansing towels• perfumed• skin-friendly pH-value

Packaging: resealable 10-pack • pail with 70 individual towels • dispenser refill bag with 100 towels





Please note that for reasons of trademark protection, the soft bottles from the STOKO® Programme may only be used in those dispensers which are marked with Stoko Vario® or STOKO®.

Nice to know



The EU-Ecolabel

The EU flower stands for good quality as well as for environmental protection. The label only appears on the best products.

Within the cosmetics industry the EU Ecolabel is so far only awarded to skin cleansing products and guarantees highest environmental standards. Specific test criteria are used to analyse the impact of the product throughout its life-cycle, starting from raw material extraction, through to manufacturing, distribution and disposal.



Presentation of LCA analysis of Solopol® as an example

The category of solvent-free hand cleansing pastes branded Solopol® has undergone a complex life cycle analysis within the context of the Life Cycle Assessment (LCA) and was certified by TÜV Rheinland LGA Products GmbH. TÜV confirmed a high level of environmental friendliness for the heavy duty hand cleansers. In the process of acquiring the LCA Certificate, the overall environmental performance of the cleanser was tested: preparation and transport of the raw materials, its production, as well as its use and disposal.



Skin care

Intensive skin care is the key to keeping skin resilient and healthy.

Regular and systematic skin care after work is a crucial factor in keeping skin healthy. Skin care products replenish the oils, moisture and moistureretaining sub-

stances which have been drawn out of the skin during the working day. The skin can then regenerate and recover from all the stresses it has been exposed to at work.

Application

After work: Apply to clean and dry hands and between fingers. Do not forget fingertips and around the fingernails!



Skin care products and their features

	Features							Dispenser
	silicone-free	colourant-free	perfume-free	perfumed	paraben-free	for hands and face	suitable for all over body use	all Stoko Vario® dispensers
Skin care products								
Stokolan® classic	•	•	•	•		•	•	•
Stokolan® hand&body	•	•		•	•	•	•	•
Stokolan® intensive repair	•	•		•	•	•	•	•
Stokolan® sensitive	•	•	•		•	•	•	•
Stokolan® soft&care	•	•		•	•	•	•	•

Skin care for normal skin



Stokolan® hand&body [replaces ESTOLAN® / STOKO® LOTION]

NEW



Area of application	Features	Characteristics
<ul style="list-style-type: none"> • daily active care • suitable for hand, face and body care 	<ul style="list-style-type: none"> • superior care effect and quick absorption properties • hydrates, nurtures the skin and ensures a smooth and nurtured skin sensation • contains allantoin, glycerine, creatine and Smooth-Complex • suitable for sensitive and eczema-prone skin 	<ul style="list-style-type: none"> • soft cream (O/W emulsion) • perfumed • skin-friendly pH-value

Packaging: 20-ml-tube • 100-ml-tube • 250-ml-bottle • 1000-ml-soft bottle



Stokolan® soft&care [STOKO® SOFT+CARE]



Area of application	Features	Characteristics
<ul style="list-style-type: none"> • vitalizing and moisturizing care gel • suitable for hand and face care 	<ul style="list-style-type: none"> • very swiftly absorbed without leaving any oily film on your skin • Intensively moisturizing • refreshing gel formulation • contains the skin's own energy booster creatine • contains urea and glycerine 	<ul style="list-style-type: none"> • creamgel (O/W emulsion) • perfumed • skin-friendly pH-value

Packaging: 20-ml-tube • 100-ml-tube • 1000-ml-soft bottle

Skin care for stressed and sensitive skin



Stokolan® classic [STOKOLAN®]



Area of application	Features	Characteristics
<ul style="list-style-type: none"> • regenerative care cream • suitable for hand and face care • good care effect 	<ul style="list-style-type: none"> • for heavily-stressed skin • contains skin nourishing lanolin • contains urea and glycerine • has a soothing effect on the skin • suitable for sensitive and eczema-prone skin 	<ul style="list-style-type: none"> • cream (O/W emulsion) • perfumed

Packaging: 20-ml-tube • 100-ml-tube • 1000-ml-soft bottle



Stokolan® sensitive [PRAECUTAN® CREME SENSITIVE / replaces STOKOLAN® perfume-free]



Area of application	Features	Characteristics
<ul style="list-style-type: none"> • regenerative care cream • suitable for hand, face and body care • good care effect 	<ul style="list-style-type: none"> • suitable for extremely sensitive and eczema-prone skin • ideal for allergy skin types • contains energy booster creatine • contains glycerine and urea • HACCP-assessed • swiftly absorbed 	<ul style="list-style-type: none"> • cream (O/W emulsion) • perfume-free • colourant-free • preservative-free

Packaging: 20-ml-tube • 100-ml-tube • 1000-ml-soft bottle

Skin care for very dry and sensitive skin

Stokolan® intensive repair [replaces STOKO VITAN® / STOKO VITAN® LOTION]

NEW



Area of application	Features	Characteristics
<ul style="list-style-type: none"> • intensive care • suitable for hand, face and body care • extremely good care effect 	<ul style="list-style-type: none"> • also suitable for very stressed and sensitive skin • contains ginkgo biloba extract, Skinmimics®, bees wax (cera alba) • contains grapeseed oil, urea, allantoin, vitamin E • easy to apply and swiftly absorbed • HACCP-assessed (perfume-free formulation) 	<ul style="list-style-type: none"> • creamy lotion (W/O emulsion) • perfumed and perfume-free



Packaging: 20-ml-tube • 100-ml-tube • 250-ml-bottle • 1000-ml-soft bottle



Please note that for reasons of trademark protection, the soft bottles from the STOKO® Programme may only be used in those dispensers which are marked with Stoko Vario® or STOKO®.

Nice to know



ECARF Seal of Quality

The European Centre for Allergy Research Foundation (ECARF) awards the ECARF-quality seal to allergy-friendly products. Cosmetics can receive this seal when the following criteria are met:

1. Quantitative risk assessment of the product ingredients with respect to their potential for sensitization, taking into account their specified conditions of use and amount
2. Medically supervised clinical trials by volunteers with atopic dermatitis
3. Approved system of quality control management

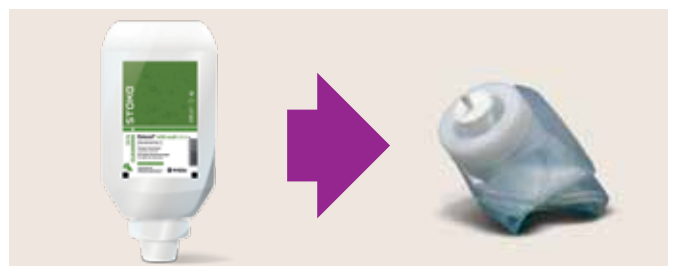


Dispensers

The Stoko Vario® dispenser system – for economical and hygienic use of the products.

Advantages of the STOKO® dispenser system

- soft bottles reduce the volumes of waste
- particularly hygienic as there is no contact between the product and the dispenser parts
- optimum emptying of the soft bottles
- highly cost effective system as only small amounts of product required





Stoko Vario Ultra®

Description	Dimensions
<ul style="list-style-type: none"> • variable use of all 1000 ml and 2000 ml soft bottles • rugged plastic housing • easy to use and refill, reliable operation • available in the following colours: ■ □ ■ ■ ■ ■ • suitable for use in shower rooms • white dispenser also available with lock (not recommended for use in shower room) • custom model including extended operating lever for elbow operation available on request 	<ul style="list-style-type: none"> • 135 x 135 x 330 mm W x D x H



Stoko Vario® mat

Description	Dimensions
<ul style="list-style-type: none"> • variable use of all 1000 ml and 2000 ml soft bottles • high grade steel housing, white coated • easy to use and refill, rugged construction, reliable operation • custom models available on request, including high-grade steel housing (brushed) or extended operating lever for elbow operation • the dispenser can be locked 	<ul style="list-style-type: none"> • 126 x 140 x 322 mm W x D x H



Stoko Vario® duo / Stoko Vario® tri

Description	Dimensions
<ul style="list-style-type: none"> • dispensing stations handling two or three 1000 ml or 2000 ml soft bottles • white coated galvanized sheet metal housing • easy to use and refill, rugged construction, reliable operation • the dispenser can be locked 	<ul style="list-style-type: none"> • duo: 280 x 140 x 332 mm • tri: 414 x 140 x 332 mm W x D x H



Kresto kwik-wipes® dispenser

Description	Dimensions
<ul style="list-style-type: none"> • refill bag with 100 towels • rugged plastic housing • hygienic towel dispensing • towel size 19,5 x 25 cm 	<ul style="list-style-type: none"> • 155 x 150 x 285 mm W x D x H



Stoko® alu dispenser

Description	Dimensions
<ul style="list-style-type: none"> • for use with 1000 ml hard bottles • anodized sheet aluminium housing • the dispenser can be locked • also available on request with extended operating lever for elbow operation 	<ul style="list-style-type: none"> • 94 x 162 x 316 mm W x D x H

Please note that for reasons of trademark protection, the soft bottles from the STOKO® Programme may only be used in those dispensers which are marked with Stoko Vario® or STOKO®.

STOKO® Skin protection scheme



Hazard to the skin

Area of application

Skin protection

before and during work

Hand hygiene*

before, during and after work

Skin cleansing

before, during and after work

Skin care

after work

Stubborn adhesive, water-insoluble, dry and oil-based contamination	Travabon® light Travabon® classic	hand disinfection without water Stokosept® gel, Stokosept® protect	For light-duty cleansing Estesol® classic Estesol® mild wash Estesol® sensitive Estesol® hair&body	For normal skin Stokolan® soft&care Stokolan® hand&body
Lacquers	Travabon® classic		For light to medium-duty cleansing Estesol® wash&care Estesol® premium	
Resins	Travabon® special			
Oil-based and water-insoluble metal-working fluids	Travabon® classic			
Water-insoluble working materials	Travabon® classic Travabon® special		For medium to heavy-duty cleansing Solopol® light	For normal and stressed skin Stokolan® classic
Mechanical stress	Stokoderm® glove&grip		For heavy-duty cleansing Solopol® natural perfume-free + perfumed Solopol® classic	
Water-mixed working materials	Stokoderm® aqua Stokoderm® glove&grip		Changing contamination grades / Cleansing with and without water Solopol® soft	
In-organic water-soluble powders	Stokoderm® aqua		For heavy-duty cleansing without water Kresto kwik-wipes®	For sensitive and stressed skin Stokolan® sensitive
Wet work	Stokoderm® aqua		For extra-heavy-duty cleansing Solopol® strong Kresto® classic	For very dry and sensitive skin Stokolan® intensive repair
Softening and maceration of the skin when wearing protective clothing	Stokoderm® aqua Stokosept® protect* Stokoderm® glove&grip		For stubborn adhesive contamination Kresto® paint Kresto® paint liquid Kresto® bitumen Kresto® colour	
Softening and maceration of the skin when wearing safety shoes, rubber boots	Stokoderm® foot care			
Imprint-free working and improved grip	Stokosept® protect*			
UV-radiation UV-A, -B or -C radiation, Electric welding	Stokoderm® UV 30	Hygienic handwash Stokosept® wash		
Work outdoors	Stokoderm® UV 50+ outdoor			
Working in cold conditions	Stokoderm® frost			
Changing oil- and water-based working materials	Stokoderm® universal Stokoderm® sensitive			
Bitumen	Travabon® classic			
Dyestuffs	Stokoderm® sensitive			
Food / Hygiene	Stokoderm® aqua under gloves Stokosept® protect*	hand disinfection without water Stokosept® gel, Stokosept® protect Hygienic handwash Stokosept® wash	For light-duty cleansing Estesol® mild wash For heavy-duty cleansing Solopol® natural perfume-free	Stokolan® sensitive Stokolan® intensive repair perfume-free

Pictograms and signets

	Meaning
	Skin protection
	Skin protection – UV hazards
	Hand hygiene
	Skin cleansing (washing hands)
	Skin cleansing (washing/rubbing hands)
	Skin cleansing with towels
	Skin care
	oil can – for oil-based and stubborn contaminations
	water – for water-mixed working materials and wet work
	changing oil- and water-based working materials
	shower – all-over body use
	resins, dyestuffs
	boots, safety shoes
	ice crystal – for cold and frost

	Meaning
	feather – for perfume-free, preservative-free, colourant-free products
	suitable for use under gloves
	<u>not</u> suitable for use under gloves
	suitable for all over body use
	for use on the face
	paint brush & paint gun – for lacquers and paints
	UV-protection mask – for welders
	hand with tool – for enhanced grip
	silicone-free
	kills bacteria and germs
	Aloe Vera
	EU-flower label granted
	awarded with the ECARF Quality Seal for allergy-friendly products
	As part of the Life Cycle Assessment Certified (LCA) conducted by TÜV Rheinland LGA Products GmbH

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