

Stokosept® gel

Hand Hygiene

Disinfectant gel for hand hygiene without water

Description

Stokosept® gel is an alcoholic gel tested for hygienic (EN 1500) and surgical (EN 12791) hand disinfection. Stokosept® gel is bactericidal, fungicidal as well as virucidal against enveloped viruses (incl. A/H1N1). In addition to its antibacterial action, Stokosept® gel also features conditioning and moisturising properties, thanks to the ingredients Glycerine and Panthenol. Stokosept® gel not only acts to reduce the number of germs, it also leaves a pleasant soothing feel on your skin.

Product Description

Perfume-free, clear, colourless, viscous gel.

Active substances:

58,4 g / 100 g Ethanol (CAS-No. 64-17-5)

9,98 g / 100 g Propan-2-ol (CAS-No. 67-63-0)

Area of Application

Stokosept® gel can be used wherever the highest standards of hygiene are required, such as in the food industry and other hygiene-sensitive sectors, for example electronics and clean-room environments, nursing care centres, hospitals, public institutions and in all other workplaces where there is a risk of microbial contamination.

Instructions for Use

Rub undiluted Stokosept® gel into dry hands following the standard rub-in method according EN 1500. Be sure that the hands are completely covered during the application time:

- hygienic hand disinfection, TB, enveloped viruses (incl. A/H1N1): 30 sec.
- surgical hand disinfection: 3 min.

Features and Benefits

Product Features	Benefits
pre-registered according to Biocides Directive (98/8/EC) PCS number: 97054	• effective in its application • safe to humans and the environment
broad spectrum of effects	• bactericidal (incl. MRSA, TB) • fungicidal • virucidal against enveloped viruses (incl. HBV, HCV, HIV, animal and human influenza viruses) • VAH-listed
conditioning complex consisting of Glycerine and Panthenol (provitamin B5)	• helps to stop the skin going dry, which frequently occurs where alcohol-based formulations are used • optimum skin compatibility
skin compatibility with good result dermatologically confirmed	• minimizes the risk of skin incompatibility
perfume- and colourant-free, and assessed in accordance with the principles of HACCP	• does not impair the wholesomeness and quality of food
gel formulation	• does not drip from the hands or out of the dispenser

Qualitative Composition*

ALCOHOL DENAT., AQUA (WATER), ISOPROPYL ALCOHOL, PPG-5-CETETH-20, PANTHENOL, PROPYLENE GLYCOL, GLYCERIN, ACRYLATES/C10 – 30 ALKYL ACRYLATE CROSSPOLYMER, BENZOPHENONE-3, AMINOMETHYL PROPANOL, TRISODIUM DICARBOXYMETHYL ALANINATE.

* The ingredient declarations used are in compliance with the International Nomenclature of Cosmetic Ingredients (INCI).

Skin Compatibility Tests

The skin compatibility of Stokosept® gel was carefully tested under laboratory conditions and medical guidance. In these tests, as well as in practical use, Stokosept® gel has proven to have good skin compatibility properties. Medically certified skin compatibility expert reports prepared by Prof. Dr. med. S. W. Wassilew, MD for Dermatology, Allergology, Environmental Medicine, are available upon request.

The efficacy of Stokosept® gel's Panthenol and Glycerine-based, conditioning and moisturising complex has been demonstrated experimentally using recognised human-experimental test methods (R&D, Evonik Industries AG, Krefeld, Germany).

Efficacy Tests

Stokosept® gel complies with the requirements of the German VAH (Association for Applied Hygiene) „Guidelines for testing and evaluating chemical disinfection methods“ (as of 04.02.2002).

Stokosept® gel has been successfully tested in accordance with the CEN guidelines EN 1500 „Hygienic hand disinfection“ (phase 2/step 2), EN 12791 „Surgical hand disinfection“ (phase 2/step 2), prEN 12054 „Bactericidal activity of a product for hygienic hand disinfection and a hygienic handwash“ (phase 2/step 1), and EN 1276 „Quantitative suspension test to determine the bactericidal action of chemical disinfection methods and antiseptics in the sectors of food, industry, household and public institutions“ (phase 2/step 1) as well as EN 13727 „Chemical disinfectants and antiseptics. Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants for instruments used in the medical area. Test method and requirements“ (phase 2/step 1).

Stokosept® gel's particular suitability for environments where increased levels of hygiene are required has been documented by testing it in accordance with EN 1276. In the presence of 3g/l protein (albumin), 1 % milk (dairy condition), 10g/l yeast extract (brewery condition), and 10g/l sucrose (beverages industry condition), and in compliance with EN 1276, a concentration of just 75 % Stokosept® gel demonstrated full efficacy after 30 seconds against the following bacteria which are particularly relevant for the food processing industry: *Staphylococcus aureus*, *Enterococcus hirae*, *Escherichia coli*, *Pseudomonas aeruginosa*, *Salmonella typhimurium*, *Listeria monocytogenes* and *Aspergillus niger*.

According to statement issued by the Working Group On Virucidal Activity at the Robert Koch Institute (RKI), Stokosept® gel has a limited virucidal action against enveloped viruses and is therefore effective against e.g. HBV, HCV, HIV, herpes simplex virus as well as animal and human influenza viruses (bovine viral diarrhoea virus „BVDV“ and vaccinia virus as the surrogate viruses).

Microbiological Expert Reports

„Hygienic hand disinfection“ in accordance with DIN EN 1500 (phase 2/step 2), including the in-vitro tests in accordance with the „Guidelines for testing and evaluating chemical disinfection methods“ Prof. Dr. med. H.-P. Werner, Schwerin
Dr. A. Sorger, Bischofshofen.

„Surgical hand disinfection“ in accordance with EN 12791 (phase 2, step 2)
HygCen GmbH, Prof. Dr. med. H.-P. Werner, Schwerin.

„Tuberculocidal activity“ in accordance with EN 14348: 2005 (phase 2, step 1)
Dr. Brill + Partner GmbH, Dr. H. Brill, Hamburg.

Testing in line with EN 13727
Laboratory for Toxicology and Ecology - Microbiology
- Evonik Industries AG, Krefeld.

Testing in accordance with prEN 12054 (phase 2/step 1)
Skin Research Centre, University Leeds
Prof. Dr. J.-C. Darbord, Paris.

Testing in accordance with EN 1276 (phase 2/step 1)
Prof. Dr. H.-P. Werner, Schwerin.

Determining the bactericidal action in accordance with NF EN 1040 Determining the fungicidal action in accordance with EN 1275
Prof. Dr. J.-C. Darbord, Faculté de Sciences Pharmaceutiques et Biologiques de Paris, Université René Descartes, Paris 5.

Determining the bactericidal action in accordance with AFNOR NF T 72 300
Prof. Dr. C. Krembel, Pasteur Institute, Lille.

Testing in line with prEN 12054 for bactericidal action in MRSA Laboratory for Toxicology and Ecology - Microbiology - Evonik Industries AG, Krefeld.

Antiviral activity according to DVV/RKI, virucidal against enveloped viruses Dr. J. Steinmann, Bremen.

Influenza A virus H1N1 efficacy following EN 14476
Dr. J. Steinmann, Bremen.

Statutory Regulations

Stokosept® gel is subject to Biocides Directive 98/8/EC. Stokosept® gel is a hand disinfectant of main group 1, product type 1 of the Biocides Directive and is not a disinfectant as defined by drug law.
PCS number: 97054

Safety Data Sheet

Can be downloaded from www.stoko.com.

Quality Assurance

All of our products meet the microbiological purity standards as defined for topically applied pharmaceuticals by PhEur.

Verification tests in this respect are a regular feature of our quality assurance procedures.

Information on Safe Handling

Use Stokosept® gel safely. Always read the labelling and product information before use.

Storage Information

Shelf life in unopened/opened packs: see indication on packaging. Store in a well ventilated place.

First Aid

In the event of accidental eye contact with Stokosept® gel, immediately rinse repeatedly using lukewarm water (eye douche, eye irrigation bottle).

Consult a doctor if any burning sensation persists.

In the event of swallowing any of the product seek medical advice immediately, taking the packaging or label with you.

Additional Information

Expert reports and certificates are available upon request.

Packaging Sizes

100 ml bottle with flip top
500 ml hard bottle with hand pump
1000 ml soft bottle (for all STOKO VARIO® dispensers)

Please note that for reasons of trademark protection, only soft bottles from the STOKO® Programme may be used in these dispensers.

BVDV	Bovine Viral Diarrhea Virus
HACCP	Hazard Analysis and Critical Control Points
HBV	Hepatitis B-Virus
HCV	Hepatitis C-Virus
HIV	Human Immunodeficiency Virus
RKI	Robert Koch Institut
VAH	Verbund für Angewandte Hygiene (Association for Applied Hygiene in Germany)

Using hygienic hand disinfection

Hand hygiene without water

For hygienic hand disinfection according EN 1500 apply the hand disinfectant onto dry palms and rub in up to the wrist for 30 seconds according the steps illustrated below. Repeat each action five times. Begin at step 1 again if the 30 seconds has not yet elapsed after step 6 and continue until the cleanser has been on the skin for the allotted time. Apply more of the product while cleaning the skin, as and when required. The skin must remain moist for the full contact time of 30 seconds.

-  rub palm on palm
-  rub left palm over back of right hand and vice versa
-  rub palm on palm with fingers interlaced
-  rub back of fingers on opposing palms with hands interlocked
-  rub thumbs rotationally
-  rub palm rotationally with clasped fingers

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