

Sterillium® Gel

The highly effective hand disinfection gel with comprehensive antimicrobial activity and a tried-and-tested moisturising complex.



Sterillium® Gel

Advantages at a glance

- comprehensive antimicrobial activity against bacteria, fungi and viruses
- including norovirus* activity within application time for hygienic hand disinfection
- increases skin hydration with regular use¹⁾
- excellent skin tolerability even with long-term use
- possesses an excellent immediate effect

* tested with the murine norovirus (MNV)

Application

Sterillium Gel is suitable for hygienic and surgical rub-in hand disinfection.

Sterillium Gel is ideally suited for hygienic hand disinfection as an alternative to liquid hand disinfectants. It offers comprehensive and rapid efficacy thanks to its highly efficient formula with 85% ethanol. It evaporates quickly and leaves hands feeling soft – not sticky.

Sterillium Gel is used as ready-to-use alcohol-based rub-in product – independently of water and wash-basin – to prevent infection in all areas of health care and industry where hygiene is important as well as in home dialysis and when travelling.

1) Kampf G, Muscatiello M, Häntschel D, Rudolf M. 2002. Dermal tolerance and effect on skin hydration of new ethanol-based hand gel. *Journal of Hospital Infection*; 52: 297-301

Areas of application

Areas of application for hygienic and surgical hand disinfection in detail:

- in inpatient facilities and functional areas such as operating theatres, intensive care units and infection departments
- in treatment rooms and outpatient departments
- in ambulances
- in laboratories
- in emergency medical services
- in medical practices of all disciplines
- in home care of patients and elderly people
- in home dialysis

Directions for use

Use and dosage of Sterillium Gel depends on the respective area of application.

Hygienic hand disinfection

Apply sufficient amount of hand disinfectant to the cupped hand so that all areas of the hands can be wetted thoroughly and completely. Carefully rub in hand disinfectant for 30 seconds – cover all areas of skin.

Surgical hand disinfection

Thoroughly rub Sterillium Gel into hands and forearms up to the elbows. When treating hands, pay particular attention to fingertips, palms and thumbs. Hands and forearms are to be kept wet during the entire application time of 1.5 minutes.

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



Compliance depends on dermal tolerance of hand disinfectants

The effectiveness of hand hygiene measures, and with it, the prevention of hospital-acquired infection crucially depends on good compliance with hand hygiene guidelines. However, with healthcare workers being required to use hand disinfectants manytimes during the day, compliance is very much determined by products that are gentle on the skin.



Increase in skin hydration

Increasing evidence is supporting the benefit of alcohols in comparison with non-medicated soap or antiseptic soaps. Some gels (e.g. Sterillium Gel) significantly increase skin hydration after repetitive use and so help to enhance compliance with hand hygiene among healthcare workers (1).

Alcohol-based hand disinfectants with positive effects on the skin have long been a need for caregivers. It has been proven that a well-formulated alcohol-based hand gel containing skin-nourishing substances does not have any irritating or sensitising effect. On the contrary, with repeated use, it can actually enhance the skin moisture content significantly compared to untreated skin (1).

When selecting hand hygiene products it is therefore imperative to not only consider efficacy data and moderate prices, but also the personnel's acceptance to overcome common barriers to low compliance.

1 Kampf G, Muscatiello M, Häntschel D, Rudolf M. Dermal tolerance and effect on skin hydration of a new ethanol-based hand gel. *Journal of Hospital Infection* 2002; 52:297-301



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Proven efficacy

Exposure time

Active according to EN Phase 2 / Step 2 (practical testing)	Hygienic hand disinfection (EN 1500)	30 sec
	Surgical hand disinfection (EN 12791)	1.5 min

Bacteria and Fungi

Tested in accordance with EN Phase 2 / Step 1 (suspension tests)	Bactericidal (EN 13727)	15 sec
	Yeasticidal (EN 13624)	15 sec
	Fungicidal (EN 13624)	30 sec
	Tuberculocidal (EN 14348)	15 sec
	Mycobactericidal (EN 14348)	15 sec

Viruses

Active against viruses according to EN Phase 2 / Step 1 (suspension tests)	Virucidal (EN 14476)	1 min
	Limited spectrum of virucidal activity (EN 14476)	1 min
Tested for activity against non-enveloped viruses	Adenovirus (EN 14476)	1 min
	MNV (EN 14476)	15 sec
	Poliovirus (EN 14476)	30 sec
	Rhinovirus (EN 14476)	30 sec

Microbiology

Bactericidal, yeasticidal, fungicidal, tuberculocidal, mycobactericidal, virucidal against enveloped viruses (incl. HBV, HIV, HCV), limited spectrum of virucidal activity, virucidal

Composition

Active substance: Ethanol 850 mg/g

Compatibility with care products

Studies show that the efficacy of Sterillium Gel is not influenced by the prior use of selected Baktolan hand care products:

- hygienic hand disinfection acc. to EN 1500 after use of Baktolan balm, Baktolan balm pure, Baktolan lotion and Baktolan lotion pure.

Compatibility with examination gloves

Studies following the EN 455-1 and ASTM D5151 standards show that prior use of Sterillium Gel does not increase the perforation rate of gloves made of nitrile, latex and vinyl.

Related products

- Sterillium Gel pure:** The fragrance-free variant of Sterillium Gel for particularly sensitive skin. Highly effective hand disinfection gel with comprehensive antimicrobial activity and a tried-and-tested moisturising complex.
- Sterillium med:** The hand disinfectant with virucidal efficacy within hygienic hand disinfection. Featuring the proven Sterillium skincare complex. Colourant- and fragrance-free.
- Sterillium:** The classic of alcohol-based hand disinfection. Successful for over 50 years. The favorite of millions of users around the world thanks to its reliable antimicrobial activity and special skin friendliness.
- Sterillium classic pure:** The colourant and fragrance-free variant of the classic Sterillium. Featuring the proven Sterillium skincare complex. Particularly suitable for sensitive skin.



Product Presentation

Product	Content	Item no.	
Sterillium® Gel			
	50 ml		on request
	100 ml		on request
	475 ml		on request
	975 ml		on request

Please note: that the availability of products in the Sterillium range may vary in different countries and regions. Contact your local distribution partner for more information.

The recommendations regarding our preparations are based on scientific tests and are given in good faith. More detailed recommendations, e.g. regarding material compatibility, are possible only in separate, individual cases. Our recommendations are not binding and do not constitute a guarantee. They do not preclude a company's own testing for the intended purpose and process. In this respect we cannot accept any liability. This is in accordance with our general conditions of sale and supply.

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