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- contains alcohol
- free from greases
- silicone-free
- perfume- and fragrance-free
- HACCP-compliant



## PROGLOVE

Skin protection gel against skin maceration in case of wearing occlusive protective clothing, e.g. gloves or rubber boots

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## PRODUCT PROPERTIES / APPLICATION AREA:

PROGLOVE is a transparent and fragrance-free gel which contains alcohol and which is free from greases. Due to the adstringent and film-forming effect of the ingredients hamamelis and chitin, the upper layer of the skin is protected. The ingredients bisabolol and glycerin smoothen and care for the stressed skin. Since it does not contain perfumes and fragrances, PROGLOVE can be used safely for personal hygiene in the food industry in consideration of the respective application instructions. Moreover, the grip of the fingers is fully maintained and the function of the glove is not influenced. The natural functions of the skin are not affected by the protective film either. PROGLOVE protects the skin against the implications of skin maceration due to the wearing of airtight gloves (e.g. made of plastic or latex). The swelling and the deformation of the skin's horny layer are reduced.

## APPLICATION:

Before work apply PROGLOVE evenly on the skin, which previously has been cleaned thoroughly and dried carefully. The amount of cream to use depends on the application surface, e.g. a hazelnut-sized amount of cream for the hands. Apply generously as small amounts only offer low protection. Rub in the cream evenly, paying particular attention to vulnerable areas such as between the fingers and around the nails. After evaporation of the alcohol, the protective film is active. In order to maintain the skin protection, the application of PROGLOVE should be repeated, especially after washing or exposure to mechanical stress. Principally, PROGLOVE should be reapplied every two hours.

Please have a look at the video "Applying Creams":  
<https://www.youtube.com/watch?v=TJ-ynm-EPI0&t=6s>



Please note: The application of skin protection agents does not exonerate from the application duty of other prescribed precautionary measures. Skin protection agents do not provide complete protection against harmful workplace substances.

## PRODUCT DESCRIPTION:

Transparent gel which contains alcohol, perfume- and fragrance-free, without greases, silicone-free, pH-neutral

## PRODUCT EVALUATION SHEET:

A product evaluation sheet can be downloaded from <https://www.physioderm.com/en/downloads/test-sheets> or is available on request.

## DERMATOLOGICAL COMPATIBILITY:

PROGLOVE's dermatological compatibility has been carefully tested and proven. A printed certificate is available.

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## Suitable DISPENSING SYSTEMS:



## ORDERING DATA:

100 ml Tube:  
BSW No. 13699002  
12 x 100 ml Tube = 1 PU<sup>1)</sup>

1000 ml Collapsible Bottle:  
BSW No. 13699001  
6 x 1000 ml Bottle = 1 PU<sup>1)</sup>

### [Dispenser VARIOMAT M](#)

(made of robust, high-quality steel):  
BSW No. 12938004  
for 1000 ml Collapsible Bottle

### [Dispenser VARIOMAT ECO](#)

(made of robust plastic):  
BSW No. 13447003  
for 1000 ml Collapsible Bottle

1) PU = packaging unit

## COMPATIBILITY WITH GLOVES:

The property changes of latex and nitrile gloves have been tested according to EN 455-1:2000 and EN 455-2:2009. No changes have been observed after two hours application time. If in doubt, please contact the manufacturer of the gloves.

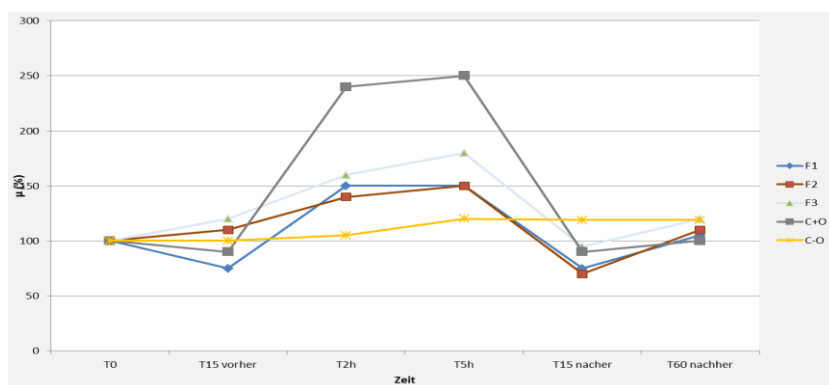
## COATING COMPATIBILITY:

The Fraunhofer Institute for Manufacturing Engineering and Automation confirms the general coating compatibility of PROGLOVE.

## EFFICIENCY TEST:

PROGLOVE's efficiency has been proven by an occlusion model using optical coherence tomography (OCT) and measuring the hydration (electrical capacity/corneometry). In this process, 20 test persons applied the skin protection product to the palmar surface of their fingers which were occluded for several hours afterwards (5h, occlusion by gloves). At the end of this period, the hydration degree (corneometry) as well as the optical properties (using OCT) were compared to an untreated skin surface.

Result: The tested product PROGLOVE had a positive effect on the skin's horny layer. Swelling and deformation of the corneal cells due to occlusion were reduced.



Picture 1: Signal-attenuation coefficient ( $\mu$ ) in the upper stratum corneum before and 15 minutes after product application, after 2 and 5 hours of occlusion, as well as 15 and 60 minutes after removal of the glove. During occlusion, the variance rises, especially for the occluded, untreated skin surface (C+O). The application of PROGLOVE (F1, F2 and F3) reduces this effect. C-O is the non-occluded, untreated skin surface of the other hand. Values as percentages of the initial value, n=20.

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**PRODUCT QUALITY:**

The product is manufactured according to GMP (GOOD MANUFACTURING PRACTICE) requirements. The bacteria count is microbiologically tested on a regular basis and is under 100 bacteria per gram.

**FIRST AID:**

If PROGLOVE accidentally gets into your eyes, rinse immediately with plenty of lukewarm water. If a burning sensation still persists, consult an eye doctor as measure of precaution.

**STORAGE INSTRUCTIONS:**

PROGLOVE will keep for at least 30 months (from date of manufacture) if stored unopened at room temperature in the original packaging. The Period After Opening (PAO) is indicated on each tube / bottle.

**SPECIAL ADVICE:**

Do not expose to direct sunlight or heat. FLAMMABLE – contains alcohol.

**STATUTORY REGULATIONS:**

PROGLOVE is subject to the EC Cosmetics Directive, but not to the German Chemicals Act or the Hazardous Substances Order. Moreover, skin protection products are received as part of the Personal Protective Equipment (PPE).

**ENVIRONMENT:**

All tubes and bottles are made of polyethylene and after being completely emptied, they can be disposed of with other polyethylene waste. Packaging is labeled accordingly.

**COMPOSITION ACCORDING TO INCI\*:**

ALCOHOL DENAT., AQUA, PROPYLENE GLYCOL, ISOPROPYL ALCOHOL, HAMAMELIS VIRGINIANA WATER, GLYCERIN, ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER, TETRAHYDROXYPROPYL ETHYLENEDIAMINE, CARBOXYMETHYL CHITIN, BISABOOL

\* (International Nomenclature Cosmetic Ingredients)

Our practical advice and various recommendations, which do not imply any warranty on our part for the properties of our products, are based on many years of experience. However, they are not binding, including as regards intellectual property rights of third parties and foreign legislation, and do not excuse our customers from conducting their own tests on our products and methods for fitness for purpose.