



PRODUCT INFORMATION

pr Dry Hands

Skin protection gel

- pr Dry Hands is an easy to apply skin protection gel that reduces the development of sweat and moisture retention when wearing protective gloves or footwear.
- It stabilises the skin and makes it more resistance to mechanical stresses.

Easy like ABC:
with our dispensers



APPLICATION AREA

When wearing protective gloves

pr Dry Hands reduces the formation of moisture and swelling of the skin when wearing protective gloves, safety footwear and boots etc thanks to its sweat reducing and skin toning active substances. The skin stabilising substance also makes skin more resistant to mechanical stresses e.g. due to glass fibres, insulation materials and paper/cardboard etc.

USAGE AND DOSAGE

pr Dry Hands hand protection gel is applied 1-2 times per day to clean and dry hands and rubbed in. Only use protective gloves/clothing once the gel has fully dried.

Dosage: 0.5 – 1 ml

The effectiveness is not fully achieved on the first application. The full protection potential develops after 3-4 days and is retained if the product is used regularly.

We offer suitable dispensing solutions for clean and economical dosing.



THE ADVANTAGES AT A GLANCE

Increases comfort when wearing protective gloves

- Grease-free skin protection gel
- Reduces sweating
- Tones the skin
- Also protects against mechanical stresses
- Perfume-free
- HACCP-assessed
- Very good skin compatibility – dermatologically tested
- Huge choice of dispensers and dosing systems

pr Dry Hands

Skin protection gel

Product Information

Using skin protection products does not release you from the duty to apply legally prescribed safety measures.

Perspiration inside air-tight protective gloves can create a build-up of moisture and wetness. As a result of this, the skin softens, swells and loses both its mechanical resistance and natural barrier effect. The build-up of wetness leads to a very uncomfortable feeling. Work often continues without the gloves. Then the skin tends to dry out. If suitable care measures are not taken, the skin becomes brittle and chapped and the road to skin disease is paved.

The release of moisture leading to this build-up occurs in two ways:

- Perceptible release of sweat from the sweat glands through perspiration.
- Unnoticed release through the skin via evaporation
- The pr Dry Hands active ingredients prevent both types of moisture release.

Skin Compatibility

2001 Dermatest GmbH, Gesellschaft für allergologische Forschung mbH, 2001 Münster

Patch test of the undiluted preparation under occlusive conditions (24 hours) on 30 test persons. Reading after 24, 48 and 72 hours.

Result:
there were no skin reactions by any test persons.

Proof of Effectiveness

2000 BioSkin Institute for Dermatological Research and Development GmbH, Hamburg

Screening test

Swelling of the callus layer of the palm skin (ball of the hand) with a high-frequency ultrasound picture (75 MHz) after 5 hours of occlusion (nitril glove Solo Ultra 99, Mapa) compared in the case of skin pre-treated with pr Dry Hands and untreated skin.

Result:
The swelling of the callus layer of skin among tested persons was clearly reduced by the pre-treated, even after 5 hours of glove occlusion.

2000 Application test in a work situation over 7 days with 10 test persons wearing occlusive protective gloves.

Environmental temperature: 25 – 28 °C
Period of glove wear: approx. 85% of the shift time.

Results:

Feeling of comfort while wearing the gloves, no skin irritation, no excessive build-up of sweat, reduction in sweat so that the period of wear of gloves could be doubled. Complaints as a result of perspiration on product surfaces can be distinctly reduced.

Ingredients (INCI)

Aqua, Aluminum Chlorohydrate, Alcohol Denat., Glycerin, Hydroxyethylcellulose, Tannic Acid, Ascorbic Acid, Sorbic Acid, Disodium EDTA, Tromethamine.

Safety and Legislation

pr Dry Hands, as a skin product, is subject to the legal regulations of the EC Cosmetics Ordinance- (Ordinance (EC) No. 1223/2009).

Storage/Shelf Life

pr Dry Hands can be stored between 0 and 25°C.

Avoid bright light! The minimum shelf life is 18 months if storage conditions are observed.

Sizes Available

125 ml bottles
1 litre bottles
1 litre soft bottles

Dispensing and Dosing Systems

A matrix for selecting dispenser and dosage systems can be found on the Internet at www.rath.de or give us a call – we are pleased to advise you.