

Product Information



for jobs in moist and wet working areas



Skin Care Lotion, high fat content

rath's
pr 99

Skin Protection Lotion



PRODUCT DESCRIPTION

Skin protection lotion (type W/O emulsion), water-insoluble, oily, medium viscous, spreads easily, slightly perfumed, with vitamin E-acetate, for the protection of skin against water and water-mixed systems.

- Silicone-free
- Slightly perfumed or unperfumed
- HACCP assessed

FIELD OF APPLICATION

In wet and moist working areas, pr99 protects against water, water-soluble pollutants and contamination, water-mixed systems and solid substances, e.g. cooling lubricants, washing and cleansing solutions, acidic and alkaline solutions, galvanic baths, watery emulsion paints, mortar, concrete, lime, fertilizers, dusts, moist contaminants, coal, gardening, disinfectants, when processing food, in the health care sector.

It can also be used as care for the skin after work.

FUNCTION

pr99 makes the skin resistant against water and water-mixed systems and the hydrophilic substances contained within due to the good absorbing and adhering oil/fat combination. The protecting fatty layer helps to maintain the natural hydrolipid layer, whilst with dry or degreased skin, pr99 replaces the natural dermafats. pr99 prevents the skin from drying out and thus acts as a moisturizer. Vitamin-E acetate strengthens the general protective function and protects against free radicals.

USAGE AND DOSAGE

Rub into clean, dry hands before work, and also as needed, in-between periods and after work breaks. Dosage: approx. 0.5 - 1 ml.

SIZES AVAILABLE

- 125 ml bottles
- 1 litre standard bottles
- 1 litre soft bottles

DOSING AIDS

Please refer to pr-Dispenser leaflet.

rath's

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PRODUCT INFORMATION

Fatty skin protection preparations are subject to wear, which strongly depends on the working conditions. When working only with cold water, the period of effective protection is the longest. With an increase in the temperature and a growing fraction of fat-dissolving substances, such as tensides or solvents, the effective protection decreases. To prevent the degreased horny skin from swelling, losing its natural protective function and to prevent pollutants from penetrating through the horny skin barrier, fat must be externally added to the skin.

Using pr99 for skin care, drying out is prevented by re-greasing the horny skin. This prevents the skin from becoming brittle and cracking, and ensures that it remains elastic.

Vitamin E-acetate has a highly protective effect, which is a beneficial addition for the use of pr99 as preventive protection as well as for care.

SKIN COMPATIBILITY

1990 University of Münster, Prof. Dr. Forck

Patch test (24 hrs.) at 51 predominantly sensitive skinned test persons.

Results: Only one weak reaction of an extremely allergic person with multiple allergization.

2007 Dermatest GmbH, Society for Allergological Research, D-48155 Münster

pr99 has been certified a very good skin compatibility based on a dermatological test on human beings.

No allergic or toxic-irritative reactions of incompatibility occurred during the patch test in accordance with international guidelines.

EFFECTIVENESS

2005/2007 "Prevention of hydrophilic noxae using skin protection products". Fourfold proof of effectiveness in accordance with the BUS skin irritation test (standardized BUS test of the effectiveness of skin protection products) using single and multiple applications of the noxa SDS (sodium dodecyl sulphate also known as sodium lauryl sulfate), a surfactant, in lower and higher aqueous dilutions. **Results:** pr99 demonstrated a very good protection effect against the different dilutions of the noxa (10% SDS and 15% SDS in H₂O) after a single application and an excellent protection effect after multiple application of the noxae.

INGREDIENTS (INCI)

Aqua , Paraffinum Liquidum, Cetearyl Octanoate, PEG-7 Hydrogenated Castor Oil, Propylene Glycol, Tocopheryl Acetate, PEG 45 / Dodecyl Glycol Copolymer, Cera Microcristallina, Magnesium Sulfate, Magnesium Stearate, Phenoxyethanol, Methylparaben, Ethylparaben, Propylparaben, Parfum.

Note: The product is also available without fragrance.

ENVIRONMENT

pr99 has good biodegradability (Hygiene-Institut Gelsenkirchen, April 1991).

Water danger class (self classification): 0.

SAFETY AND REGULATIONS

pr99 is not subject to any transport regulations within the meaning of the transport of dangerous goods.

pr99 is a cosmetic product and thus subject to the regulations of the German Food and Consumables Act and the EU-Cosmetics Directive.

As a skin protection product, according to Directive 89/656 EU, pr99 is classified as personal protective equipment, which must be made available by the employer.

STORAGE

pr99 should be stored at temperatures between 0 and 20 °C. Under these conditions the minimum life amounts to 30 months.