

pr

99

Skin Protection Lotion

for jobs in moist and wet working areas

Skin Care Lotion, high fat content

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.

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, disinfectants, acidic and alkaline solutions, galvanic baths, watery emulsion paints, mortar, concrete, lime, fertilizers, dusts, moist contaminants, coal.

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 dermafat. 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.

CONTAINER SIZES

100 ml bottles

1 litre standard bottles

DOSING AIDS

Please refer to pr-Dispenser leaflet.



PRODUCT INFORMATION

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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 regreasing 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.) on 51 predominantly sensitive skinned test persons.

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

EFFECTIVENESS

1996 University of Graz, Prof. Dr. Dr. Voss

Determination of the hydrophilic skin protection factor HSF_H (the logarithmic factor by which the intensity and speed of the effect of liquid hydrophilic substances on the skin due to a defined protective layer is reduced in a ratio compared to non-treated skin) against hydrophilic substances, for example, sodium hydroxide solution (NaOH) and hydrochloric acid (HCl):

Results: HSF_H (2n NaOH): 2,1
 HSF_H (5 % HCl): 1,6

INGREDIENTS (INCI)

Aqua (water), mineral oil, cetearyl octanoate, PEG-7 hydrogenated castor oil, propylene glycol, tocopheryl acetate, PEG-45/dodecylglycolcopolymer, microcrystalline wax, magnesium sulfate, magnesium stearate, phenoxyethanol, methylparaben, ethylparaben, propylparaben, parfum (fragrance).

ENVIRONMENT

pr99 has good biodegradability (Hygieneinstitut 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.