

# Loneih® Uniprotect skin protection cream

hand and skin protection

## **PREPARATION TYPE:**

Loneih® Uniprotect is an innovative, separation active preparation, which helps to efficiently protect against work place related skin damages caused by aggressive chemicals, acids, dusts, allergen substances as well as contact allergies.

## **PRODUCT PROPERTIES:**

- Special active ingredients, such as stearate shape a separation active, water resistant, invisible protection film
- The natural skin functions are not impacted
- Very good protection properties against hydro and lipophilic substances, aggressive chemicals, acids and adhesive dusts
- High separation impact against allergen substances such as powder, dusts and latex
- Does not grease or stick and moves quickly into the skin

## **APPLICATION:**

Apply the skin protection cream sparingly on the skin. Depending upon the strain and mechanical stress, the protection film has to be renewed.

## **INGREDIENTS:**

Aqua, Glycerylstearate SE, Cetyl Alcohol, Octyldodecanol, Glycerin, Cetareth-2, Allantoin, Polyperfluoromethylisopropyl ether, 2-Phenoxyethanol/ piroctone olamine, Cera Alba, Carbomer, Triethanolamine, Parfum, Butyl phenyl methylpropional, Amyl cinnamal, Benzyl benzoate, Benzylsalicylate, Citral, Citronellol, Limonene, Geraniol, Hydroxy citronellal, Linalool,

## **DESCRIPTION OF THE MAJOR INGREDIENTS:**

The substance allantoin stimulates the growth of healthy tissue. Allantoin is known for its skin calming property, it supports wound healing and the regeneration of dead tissue. It has for example anti-oxidative, moisturizing, smoothing properties and softens hardened skin. Allantoin is used for the external wound healing, skin care, against skin illnesses and for scare care.

The irritation reducing property has a positive impact on skin inflammation and sensitive skin.

Use of beeswax in skin care and cosmetics has been increasing. A German study found beeswax to be superior to similar barrier creams (usually mineral oil-based creams such as petroleum jelly), when used according to its protocol.

Was SE-PF is a self-emulsifying base with consistency giving properties, and is suited for the preparation of cosmetic and pharmaceutical oil-in-water creams and lotions.

Cetearyl alcohol is used as consistence shaper and softener and ensures that the skin becomes soft enough to allow active components enter deeper layers of the skin. The middle chained triglyceride, also named neutral oil, shape an irritation free, oxidative stable und fast spreading oil. The application and absorption behaviour of emulsions is improved and a „greasy“ feeling is avoided.

Clinical test results on creams containing Polyperfluoromethylisopropyl ether, has been widely investigated as the active ingredient in protective and barrier products.

In a preliminary study, workers occupationally exposed to metal powders, paints, detergents and industrial oils, and having severe chronic irritant dermatitis of the hands, showed good resolution of symptoms over a 3-month period of applications.

In a second study involving 22 female volunteers with chronic irritant dermatitis, marked resolution of symptoms was monitored, after 40 days of applications, by clinical and instrumental evaluation.

In a third study, 40 patients suffering from chronic nonallergic dermatitis of the hands, were divided in two groups. Over 30 days, the regular use of a 4 % Polyperfluoromethylisopropyl ether cream caused complete resolution of symptoms in 16 out of 20 patients, while the use of the base cream caused complete resolution of symptoms only in 3 out of 20 patients. Finally, another clinical study demonstrated the protective effects of Polyperfluoromethylisopropyl ether, against facial irritation caused by medical treatments with vapors containing hydrogen sulfide.

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## **PHYSICAL DATA :**

consistence: viscose cream  
colour: white  
density (20°C): approx. 0.96 g/ml  
pH-value: 5,5 – 6,5

The recommendations of our preparations are based on scientific tests and are done according to our best knowledge. Further recommendations, e.g. related to material compatibility are only possible on a case by case evaluation. Our recommendations don't free our customers from their own evaluation of our preparations related to their suitability for the intended purpose. Therefore we can not take any liability.

