



# GREVEN® MULTI TEC / MULTI TEC PURE



## Universal Protective Cream with Dualistic Effect

for workplaces with constantly changing harmful substances, unspecific skin hazards or where hands are exposed to mechanical stress

- strengthens the upper layers of the skin
- reduces skin stress
- supports the natural regeneration capability of the skin
- O/W emulsion
- contains glycerine, witch hazel and panthenol
- silicone-free
- perfumed or fragrance-free
- fragrance-free: HACCP compliant

Healthy Skin. Safe Work.



# GREVEN® MULTI TEC / MULTI TEC PURE



## Application Area

GREVEN® MULTI TEC is suitable for workplaces with constantly changing harmful substances, unspecified skin hazards or where hands are exposed to mechanical stress, e.g. from tools, fibreglass, wire wool or cardboard boxes as well as for workplaces where gloves are worn.

## Product Description

GREVEN® MULTI TEC is a skin protection cream with dualistic effect. The O/W emulsion is free from silicone oil and does not leave an annoying greasy film on work pieces or tools.

## Product Properties

- The dualistic effect of the cream is based on its structure. Ingredients with a barrier function against water-soluble as well as against water-insoluble substances are used.
- As an indifferent barrier, the product contains layer silicates, forming a protective film on the skin, which can only be penetrated with great difficulty by organic workplace substances.
- This function is supported by celluloses, which are able to build a barrier against water-insoluble substances, because of their hydrate cover.
- Among other fatty ingredients, fatty alcohols and esters serve as protection against aqueous substances.
- Additionally, panthenol and vitamin E are anti-inflammatory and support the natural regeneration capability of the skin.
- Witch hazel is a natural tanning agent and stabilizes the upper layers of the skin. Therefore, the cream is also suitable for being used underneath protective clothes, e.g. PVC or rubber gloves.

## Composition according to INCI

AQUA, GLYCERYL STEARATE SE, CETEARYL ETHYLHEXANOATE, GLYCERIN, CETEARYL ISONONANOATE, TALC, KAOLIN, POLYVINYL ALCOHOL, CETEARYL ALCOHOL, PANTHENOL, HYDROXYETHYLCELLULOSE, HAMAMELIS VIRGINIANA WATER, TOCOPHERYL ACETATE, STEARIC ACID, SODIUM LAURYL SULFATE, SODIUM CETEARYL SULFATE, GALLIC ACID, PHENOXYETHANOL, METHYLPARABEN, ETHYLPARABEN, (PARFUM).

## Storage Instructions

The product 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.

## Packaging Sizes

### Perfumed

Article No	Size	Pieces / PU
13042044	100 ml tube	24 tubes
13042001	1000 ml hard bottle	10 bottles
13042003	2000 ml collapsible bottle*	6 bottles

### Fragrance-free

Article No	Size	Pieces / PU
13769003	100 ml bottle	12 bottles
13769004	500 ml bottle	12 bottles
13769002	2000 ml collapsible bottle*	6 bottles

\*Suitable dispensing systems can be found at:

<https://www.peter-greven-hautschutz.de/en/products/dispensing-systems>

## Application

Before work and after breaks, apply GREVEN® MULTI TEC carefully on the skin, which previously has been cleaned thoroughly and dried carefully. Rub in the cream evenly, paying particular attention to vulnerable areas such as between the fingers and around the nails. Reapply after longer work intervals. The product should not get into the eyes.

## Certificate of Dermatological Compatibility

The dermatological compatibility of GREVEN® MULTI TEC has been carefully tested and proven. A printed certificate is available.

## Coating Compatibility

The Fraunhofer Institute for Manufacturing Engineering and Automation confirms the general coating compatibility of GREVEN® MULTI TEC.

## Separating Strength of Rubber

The German Institute for Rubber Technology confirms in a test report that GREVEN® MULTI TEC has no influence on the separating strength of rubber.

## Statutory Regulations

GREVEN® MULTI TEC is subject to the Regulation (EC) No 1223/2009 on cosmetic products. Further details on handling the product can be obtained from the Group Data Sheets for skin products (for occupational use).

## Halal and kosher requirements:

To the best of our knowledge, the ingredients of GREVEN® Multi Tec contain neither raw materials of animal origin nor ethanol (excluding unavoidable contamination).

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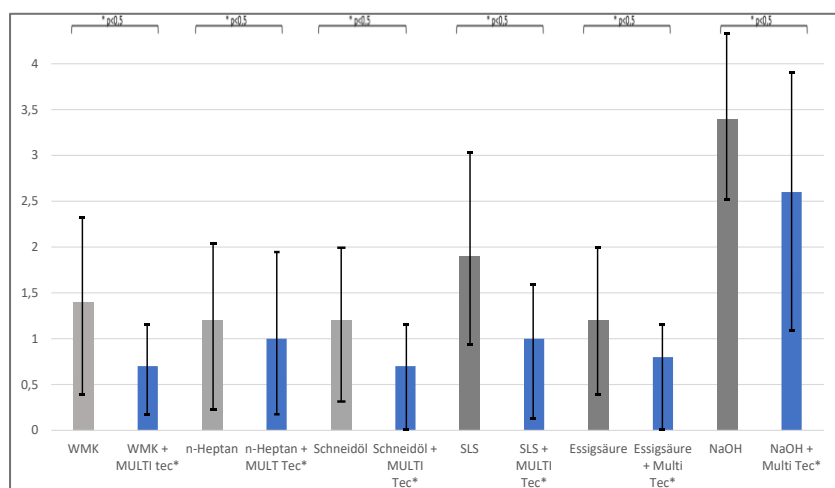


## Efficiency

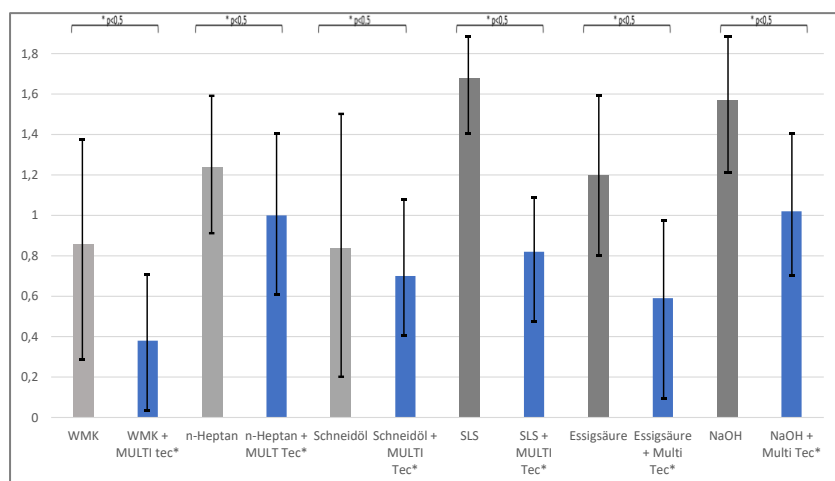
**The efficiency of GREVEN® MULTI TEC has been proven by a repetitive irritation model.** In this process, 10 test persons applied the skin protection cream to their forearms (amount: approx 2 mg/cm<sup>2</sup>) twice a day before contact to the noxious agents, during a period of five days. At the end of this period, the degree of redness (chromametry) and the trans-epidermal water loss (TEWL) were compared to an untreated skin surface.

For the model, a used water-miscible cooling lubricant, n-heptane a used cutting oil as well as sodium lauryl sulfate SLS (5%), acetic acid (0,1n) and caustic soda NaOH (0,0001n) had been used as noxious agents.

**Result:** The tested Skin Protection Cream GREVEN® MULTI TEC has a good efficiency against the tested water-soluble and water-insoluble model noxious agents.



Picture 1: Measuring of the trans-epidermal water loss as a marker for the damage to the epidermal barrier (n=10). The trans-epidermal water loss of the skin was significantly reduced by application of GREVEN® MULTI TEC in relation to the model noxious agents.



Picture 2: Measuring of the degree of redness (n=10). The redness of the skin was significantly reduced by application of GREVEN® MULTI TEC in relation to the model noxious agents.

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. **Version: 08/2024**