

Technical Information

Stokoderm® universal [STOKO® UNIVERSAL]

Skin Protection



**All-in-1 Skin Protection against an extensive range of contaminants.
Makes it easier to cleanse the skin after contact with heavy-duty contamination.**

Description

Thanks to a combination of film building agent, natural wax, and a special emulsifier together with the emulsion base (oil-in-water) Stokoderm® universal is a universally usable protection cream. Additionally Stokoderm® universal makes it easier to cleanse the skin thus reducing stress placed on the skin.

Area of Application

Protection against oil-based and water-based working materials. Stokoderm® universal is versatile and suitable for most workplaces. Heavy-duty contamination is easily washed off after use so that no strong cleansers are necessary.

Product Description

White, perfumed, silicone-free cream. Emulsion type: oil-in-water (O/W).

Instructions for Use

Wash and dry your hands. Then apply Stokoderm® universal and rub thoroughly into the hands, including between the fingers and on the fingernails.

Stokoderm® universal should always be used before starting work, after washing hands and after longer breaks.

Stokoderm® universal is not suitable for use underneath gloves.

Features and Benefits

Product Features	Benefits
protective effect based on combination of waxes, hydrocolloid and special emulsifiers	<ul style="list-style-type: none"> • very good efficacy with wide range of applications
natural film building agent	<ul style="list-style-type: none"> • forms a strong protective film • hand protecting grip
oil in water emulsion	<ul style="list-style-type: none"> • quick absorption into the skin
skin friendly pH	<ul style="list-style-type: none"> • matched to the pH value of human skin • helps to maintain the natural, acidic protective mantle
dermatologically confirmed skin compatibility	<ul style="list-style-type: none"> • good skin compatibility
combination of dirt absorbing special emulsifiers	<ul style="list-style-type: none"> • helps to cleanse the skin, mild cleansers can be used
silicone-free paint compatible (lacquer wetting test), no negative effect on vulcanization process (DIK-test)	<ul style="list-style-type: none"> • can be used in almost any production process (DIK: German Institute of Rubber Technology)

Qualitative Composition

STOKO® UNIVERSAL (old design):

AQUA (WATER), SODIUM COCOAMPHOPROPIONATE, ETHYLHEXYL STEARATE, GLYCERYL STEARATE SE, PROPYLENE GLYCOL, ALGIN, ISOPROPYL PALMITATE, CETEARETH-6, CETEARYL ALCOHOL, CETEARETH-25, STEARYL ALCOHOL, PHENOXYETHANOL, METHYLPARABEN, ETHYLPARABEN, PROPYLPARABEN, BUTYLPARABEN, ISOBUTYLPARABEN, PARFUM (FRAGRANCE).

Stokoderm® universal (new design):

AQUA (WATER), SODIUM COCOAMPHOPROPIONATE, ETHYLHEXYL STEARATE, GLYCERYL STEARATE SE, PROPYLENE GLYCOL, ALGIN, ISOPROPYL PALMITATE, CETEARETH-6, CETEARYL ALCOHOL, CETEARETH-25, STEARYL ALCOHOL, PHENOXYETHANOL, METHYLPARABEN, ETHYLPARABEN, PROPYLPARABEN, PARFUM (FRAGRANCE).

The ingredient declarations used are in compliance with the International Nomenclature of Cosmetic Ingredients (INCI).

Testing the Protective Action

The product's protective action was tested on 15 healthy voluntary test persons (Deb-STOKO Europe GmbH, Krefeld) using the Repetitive Occlusive Irritation Test (ROIT) [1]. The test was modified and one water soluble substance (Sodium Dodecyl Sulfate) and one non-water substance (Ethyl Acetate/Undecylenic Acid, 1:1) were applied, each one time a day for 30 minutes over a week (one in the morning, the other in the afternoon). The skin irritation was compared every day and assessed on the fifth day (visual score).

Result: Stokoderm® universal significantly reduces the skin irritation.

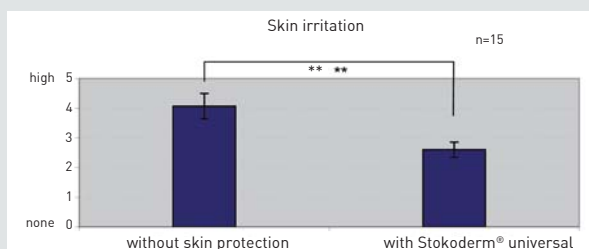


Fig.1: protective effect against changing workplace substances.

Testing the Cleansing Effect

The product's cleansing facilitation was tested with 20 male voluntary test persons using a standardized model dirt (carbon black, iron oxide, graphite, petrolatum, oil, wax). The level of the residual dirt was assessed in a 10-point-spectrum.

Result: Most of the dirt could be washed away with Stokoderm® universal while using only water shows no cleansing effect. The difference is very high significant.

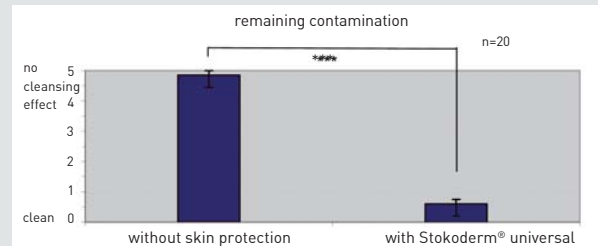


Fig. 2: cleansing effect in the case of oil based contamination. Washing only with water compared with using Stokoderm® universal.

Skin Compatibility Tests

Stokoderm® universal has been tested dermatologically on 24 healthy voluntary test persons and has been proven to have a good skin compatibility.

Medically certified skin compatibility expert reports are available upon request.

Statutory Regulations

Stokoderm® universal is governed by the Cosmetics Regulation of the EC, and is not subject to the Chemicals Act or the Ordinance Regulating Hazardous Substances.

Safety Data Sheet

Can be downloaded from www.stoko.com.

Quality Assurance

All of our products meet the bacterial purity standards as they apply to medicines for external use (as defined by Ph. Eur.).

< 10² reproducible germs / g product.

Verification tests in this respect are a regular feature of our quality assurance procedures.

Storage Information

Stokoderm® universal can be stored in an unopened container at room temperature for more than 30 months. Shelf life after opening: see indication on packaging.

First Aid

In the event of accidental eye contact with the product, rinse out using water. Consult a doctor if any burning sensation persists.

Additional Information

Expert reports and certificates are available upon request.

Packaging Sizes

100 ml tube

1000 ml soft bottle (for all Stoko Vario® dispensers)

Please note that for reasons of trademark protection, only soft bottles from the STOKO® Programme may be used in these dispensers.



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