

Stokolan® classic

Skin Care

Care cream for hands and face.
Time-tested qualities for heavily-stressed skin.



Description

Stokolan® classic is a silicone-free skin care cream which is easy to apply, is swiftly absorbed and does not leave any unpleasant or annoying oily film. Stokolan® classic has a proven track record in helping to prevent occupational skin diseases and in supporting their treatment. Stokolan® classic contributes to reducing skin irritations and it soothes the skin. By simultaneously providing moisture and oils, Stokolan® classic enhances the natural regeneration of the skin, and used regularly, it keeps the skin smooth and supple. This helps to stop the skin becoming rough or dry - which is the cause of many occupational diseases and it maintains the natural protective function of the skin.

ECARF Seal of Quality

The European Centre for Allergy Research Foundation (ECARF) awards the ECARF-quality seal to allergy-friendly products. Cosmetics can receive this seal when following criteria are met:

1. Quantitative risk assessment of the product ingredients with respect to their potential for sensitization, taking into account their specified conditions of use and amount
2. Medically supervised clinical trials by volunteers with atopic dermatitis
3. Approved system of quality control management

Features and Benefits

Features	Benefits
well-balanced care and absorption properties, coupled with a high level of consumer acceptance	• suitable for all types of skin
enhances the natural regeneration	• helps work-stressed skin to restore its natural resistance
with 9.5 % glycerine and urea	• important skin's own natural moisturizing factors (NMF) with very good water holding capacities and exceptional hydrating properties • penetrate deeply into the stratum corneum, enhance skin elasticity and soothe the skin
contains skin nourishing Lanolin of pharmaceutical quality	• natural lipid with excellent care and soothing properties • restores natural oils and moisturizes to prevent dry and rough skin
dermatologically confirmed skin compatibility	• very good skin compatibility • minimizes the risk of skin incompatibility
awarded with the quality seal ECARF	• ideal for people suffering from allergies • suitable for sensitive and eczema-prone skin
silicone free/ paint compatible (lacquer wetting test)/ no negative effect on vulcanization process (DIK-test)	• it can therefore be used in almost any production process (DIK: German Institute of Rubber Technology)

Area of Application

For the care of heavily-stressed skin. Suitable for all skin types.

Instructions for Use

Apply to clean and dry skin. Then carefully rub Stokolan® classic on to the areas of skin at risk, including between the fingers and on the fingernails. Stokolan® classic should always be used before any lengthy breaks and after finishing work. Stokolan® classic is suitable for facial use as well.

Product Description

White, silicone-free cream of the emulsion type oil-in-water (O/W).

Qualitative Composition*

AQUA (WATER), PARAFFINUM LIQUIDUM, GLYCERIN, GLYCERYL STEARATE SE, LANOLIN, STEARIC ACID, CETEARYL ALCOHOL, UREA, POTASSIUM STEARATE, METHYLPARABEN, DEHYDROACETIC ACID, SORBIC ACID, PROPYLPARABEN, PARFUM (FRAGRANCE).

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

Information about Ingredients

Glycerine is a component of the skin's natural moisturizing factors (NMF); it is able to penetrate deeply into the skin's horny cell layer and improves the skin's suppleness if applied regularly. In addition to the moisturizing function of glycerine, the improvement of the barrier function should be particularly emphasized. This improvement of the barrier function is - in contrast to the effects of the other moisturizing factors - not just a side effect but an actual influence on regulation.

Lanoline is the wool fat produced by sheep (adeeps lanae); the quality deployed by STOKO® conforms to the criteria in the European Pharmacopoeia and is of pharmaceutical grade quality. Lanoline is rich in natural lipids such as cholesterol which is important for the skin. It supports the skin barrier, smooths the skin and leads to a reduction in skin roughness and dryness. In addition, lanoline increases the elasticity of the skin thanks to its excellent moisturizing properties. Recent research results have shown that, in particular people who have damaged, cracked skin benefit from the application of lanoline-containing products.

Urea is an important component of the skin's natural moisturizing factors (key NMF) with excellent moisture-binding and restructuring properties. Urea supports the

skin to attain an optimum degree of moisture and thereby counteracts the drying out and the cracking of the skin.

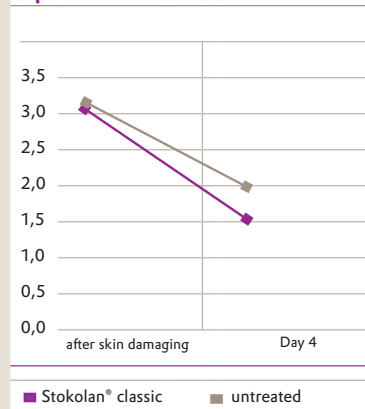
Effectiveness Test

For a skin regeneration test the skin of 15 test persons was damaged by occlusive application 0.5% sodium lauryl sulphate solution over 12 hours. The resulting damage of the skin was classified by means of two parameters: visual (VS, irritation score according to Frosch and Kligman) and by means of the trans-epidermal water loss (TEWL as an indicator of the skin barrier quality). After recording these damage parameters (day 1) Stokolan® classic is applied for the first time and renewed after approx. 5-6 hours on the same day. This procedure is repeated on days 2 and 3, i.e. Stokolan® classic is applied twice daily. On day 4 the skin parameters are recorded in the morning and the skin regeneration is assessed.

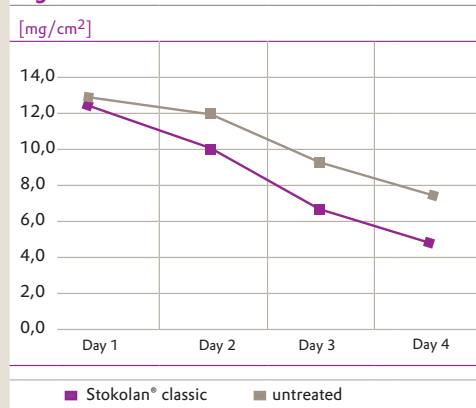
Result:

The use of Stokolan® classic supports the skin regeneration, as both the visually apparent damage and the barrier damage characterized by the TEWL could be much reduced by the application of Stokolan® classic.

Improvement of skin condition - VS



Regeneration of skin barrier - TEWL



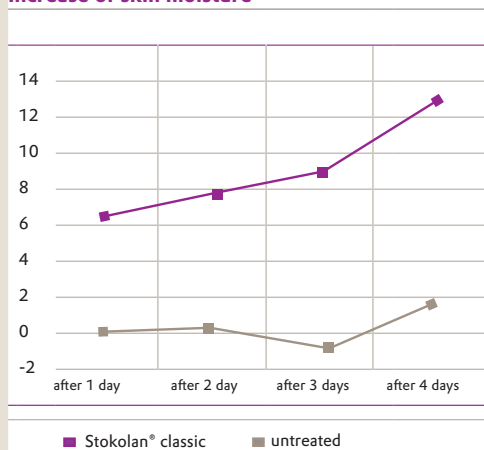
Moisturizing Effect

In order to investigate the moisturizing properties of Stokolan® classic the care product was applied twice daily at an interval of approx. 5 hours to the skin of 9 test persons (0.1 g/cm² for 2 minutes, followed by the removal of any remains by means of a soft paper tissue). Repetition of this application for a total of 4 days. The starting values for the skin moisture were determined in the morning by means of the Corneometer® before the first application and any changes to the skin moisture not before the morning of the subsequent day.

Result:

If Stokolan® classic is applied twice daily this results in a continuous increase in the hydration of the stratum corneum. The skin moisture is clearly improved by Stokolan® classic while the untreated skin remains approximately on the same moisture level as it was when the experiment was started.

Increase of skin moisture



Skin Compatibility Tests

The skin compatibility of Stokolan® classic was carefully tested under laboratory conditions and medical guidance on volunteers with pre-damaged skin. In these tests, as well as in practical use, Stokolan® classic has proven to have very good skin compatibility properties. Medically certified skin compatibility expert reports prepared by Prof. Dr. med. S. W. Wassilew, MD for Dermatology, Allergology, Environmental Medicine, are available upon request.

Statutory Regulations

Stokolan® classic is governed by the Cosmetics Regulations 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 PhEur).

< 10² reproducible germs / g product.

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

Storage Information

Stokolan® classic 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

20 ml tube

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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