

## PROTECT - SPECIALIST

# Stokoderm® Sun Protect 50 PURE

SPF 50 UV skin protection lotion for professional use



### PRODUCT DESCRIPTION

Broad spectrum perfume-free, water resistant and sweat resistant SPF50 sunscreen for professional use to protect the skin against the harmful effects of UVA, UVB and UVC rays.

### WHERE TO USE

Outdoor workers exposed to UVA & UVB sun rays and workers exposed to UVC rays created during industrial processes, such as arc welding etc.

### INSTRUCTIONS FOR USE

- Apply liberally to clean, dry skin 15 minutes before UV exposure.
- Re-apply every 2-3 hours, or more frequently if sweating or washing.

**Caution:** Applying an insufficient amount of product reduces the protective performance. Over-exposure to the sun is a serious health threat. Even sunscreen with a high SPF does not offer full protection against UV rays and does not replace the need to use/wear appropriate personal protective equipment and clothing. Avoid excessive UV exposure. Keep babies and young children out of direct sunlight and wear protective clothing. Avoid eye contact.



**FORMAT: LOTION**

FEATURES	BENEFITS
UVB 50 high protection	• Sun Protection Factor of 50 prolongs the skin's natural protection time against the sun's UVB rays by a factor of 50.
UVA protection	• Conforms to the European recommendation for providing protection against the harmful effects of UVA rays.
UVC protection	• Provides additional protection against UVC rays as created artificially during certain industrial processes, such as arc welding. Does not replace personal protective equipment.
Water resistant formula	• Withstands immersion in water.
Sweat resistant formula	• Clinically proven to provide the same level of protection even when sweating.
Non greasy after-feel	• Hydroalcoholic lotion formula absorbs quickly and easily into the skin to encourage regular use and not affect dexterity with hand held tools.
Hydrates skin	• Clinically proven to improve skin hydration.
Contains Glycerin and Panthenol	• Enhances the water holding capacity of the skin's upper layers, supporting the skin's own moisture system and natural barrier function.
Contains Vitamin E Acetate and Bisabolol	• Provides beneficial antioxidant effects to the skin to help protect against the effect of sun's UV rays.
Perfume-free	• No added perfume. Ideal for people who are sensitive to perfumes and prefer products which do not have perfume added.
"Ultra sensitive" formula	• Suitable for persons suffering from allergies, sensitive skin and atopic eczema.
Silicone-free	• The product will have no adverse effect if in contact with surfaces prior to the application of paint or surface coatings.
Compatible with rubber production processes	• Independently tested at the German Institute of Rubber Technology (DIK) and proven to have no negative effect on the vulcanisation process.

## INGREDIENTS

AQUA, ALCOHOL DENAT. OCTOCRYLENE, GLYCERIN, BUTYL METHOXYDIBENZOYLMETHANE, CAPRYLIC/CAPRIC TRIGLYCERIDE, PROPYLHEPTYL CAPRYLATE, PHENYLBENZIMIDAZOLE SULFONIC ACID, BIS-ETHYLHEXYLOXYPHENOL METHOXYPHENYL TRIAZINE, ETHYLHEXYL COCOATE, ETHYLHEXYL TRIAZONE, PENTYLENE GLYCOL, VP/HEXADECENE COPOLYMER, TRIACONTANYL PVP, AMINOMETHYL PROPANOL, XANTHAN GUM, BISABOLOL, PANTHENOL, TOCOPHERYL ACETATE, GALACTOARABINAN, ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER, DISODIUM EDTA, TOCOPHEROL, HEXYL ALCOHOL

## STATUTORY REGULATIONS

This product is a cosmetic product regulated by and complying with Regulation EC No 1223/2009 (as amended) on Cosmetic Products.

## SAFETY DATA SHEETS

For Safety, Environmental, Handling, First Aid and Disposal information please refer to the Safety Data Sheet which can be downloaded from [www.debgroup.com/msds](http://www.debgroup.com/msds).

## QUALITY ASSURANCE

Deb products are manufactured in facilities which follow cosmetic Good Manufacturing Practice (cGMP) requirements.

All raw materials used for production undergo a thorough quality control process before being used for manufacturing in Deb's high quality products.

All finished goods are subject to intensive quality testing before being shipped out to our customers.

## SHELF LIFE

This product has a shelf life of at least 30 months from the date of manufacture when stored unopened at room temperature.

## PRODUCT SAFETY ASSURANCE

### Skin Compatibility Test

Clinical dermatological tests have been conducted to assess the skin compatibility of the product using voluntary test persons in enclosed and repeat application models as well as on sensitive skin and skin treated with UVA radiation (Human Photo Patch Test). These tests, as well as in practical use, have proven that the product has very good compatibility with normal and sensitive skin. Skin compatibility expert reports are available upon request.

Declared safe for intended use on children over 6 months & adults.

### Ultra Sensitive Testing

Using a HRIPT model over a 3 week period on 50 people, Stokoderm Sun Protect 50 PURE demonstrates excellent skin compatibility, especially for people suffering from allergies, sensitive skin and atopic eczema.

### Toxicological Approval

The product has been independently assessed for human toxicity and product stability. It is declared safe for intended use, meeting all relevant regulatory requirements.

## PACK SIZES

Stock Code	Size	Case Quantity
SPC30MLWW	30ml Tube	30
SPC100ML	100ml Tube	12
SPC1L	1 Litre Cartridge	6
SUN1LDS	1 Litre Dispenser	Each

## COMPATIBILITY TESTS

### Rubber Production Process Compatibility

In testing conducted by the Deutsches Institut für Kautschuktechnologie (DIK) in accordance with DIN EN ISO/IEC 17025, the use of Stokoderm® Sun Protect 50 PURE in rubber production process does not influence the cohesive strength of rubber.

## EFFICACY TESTS

### Assessment of UVA-PF In vitro

Determined according to COLIPA guideline March 2011 confirms a UVA protection (Colipa ratio <3).

### UVB Efficacy Test in vivo

Using the International Sun Protection Factor Test Method (Feb 2003), the SPF was determined along with the claim for water resistance.

### UVC Efficacy Test in vitro

Using a modified COLIPA Guideline method, the trapezium rule was used to confirm that the product provides a distinctly lower transmission of UVC range >250nm.

SPECIAL NOTE: UV protection creams even with high SPF, do not offer full protection against UV rays and do not replace the need for using/wearing appropriate personal protective equipment and clothing.

### Water Resistance Test

Determination of the SPF factor according to ISO 24444:2010 (E) before and after water application to volunteers in a spa pool for 2 x 20 minutes, confirms an SPF50 and that this sun protection is water-resistant.

### Sweat Resistance Test

Using the ProDERM sweat resistance test method, the product shows a mean SPF of 53.7 and a lower confidence limit of sweat resistance of 61.7 %. According to this result the product is considered sweat resistant.

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