

# PROTECT

## Stokoderm® Protect PURE

General Skin Defense Cream



### PRODUCT DESCRIPTION

Universal perfume-free pre-work cream to help protect skin against water and non-water based workplace contaminants.

### WHERE TO USE

Protection against light to moderate oil-based and water-based substances (such as oil, grease, lubricants and detergents). Stokoderm® Protect PURE is versatile and suitable for most workplaces. Compatible with latex or nitrile gloves.

### HOW TO USE

- Apply to clean and dry skin before starting work, after washing hands and after lengthy breaks
- Rub small amount of product on areas of skin at risk, including between the fingers and on the fingernails

NB: Using skin care products does not release you from your duty to take the prescribed protective measures



Protection Rating



Skin exposure to moderate and changing contamination

**FORMAT: CREAM**

| FEATURES   | BENEFITS   |
|--|--|
| Proven general purpose protection  | <ul style="list-style-type: none"> <li>• Suitable for a wide range of working environments with light to moderate exposure to varying types of water and non-water based contaminants</li> </ul>       |
| Doesn't leave any unpleasant or uncomfortable residue on the skin. Fast absorbing  | <ul style="list-style-type: none"> <li>• Enjoys a high cosmetic acceptance</li> <li>• Encourages regular use and does not affect dexterity with hand held tools</li> </ul>                             |
| Contains Xanthan Gum   | <ul style="list-style-type: none"> <li>• A highly effective film forming agent known to help repel contaminating substances from the skin surface</li> </ul>   |
| Contains the natural mineral Kaolin  | <ul style="list-style-type: none"> <li>• Kaolin sits in the skin pores and helps to prevent them from becoming blocked by oil-based substances</li> </ul>  |
| Contains Glycerin  | <ul style="list-style-type: none"> <li>• Active ingredient known to support the skin's natural barrier function</li> </ul>   |
| Non-tainting and HACCP assessed formula  | <ul style="list-style-type: none"> <li>• Suitable for use in environments where food is being handled or produced</li> </ul>   |
| Proven glove compatibility   | <ul style="list-style-type: none"> <li>• Suitable for use with latex, vinyl and nitrile gloves</li> </ul>  |
| Skin friendly pH   | <ul style="list-style-type: none"> <li>• Helps to maintain the skin's natural acidic protective mantle</li> </ul>  |
| Perfume-free   | <ul style="list-style-type: none"> <li>• Universally accepted</li> <li>• Ideal for people who are sensitive to fragrances</li> </ul>   |
| The product contains 90% renewable or biobased content. USDA BioPreferred certified  | <ul style="list-style-type: none"> <li>• Product ingredients have been carefully selected to help reduce the use of fossil fuels, reduce emissions and improve environmental sustainability</li> </ul> |
| Silicone-free  | <ul style="list-style-type: none"> <li>• The product will have no adverse effect if in contact with surfaces prior to the application of paint or surface coatings</li> </ul>                          |
| Independently tested at the German Institute of Rubber Technology (DIK) and proven to have no negative effect on the vulcanization process | <ul style="list-style-type: none"> <li>• Suitable for use in the rubber production industry</li> </ul>   |

## INGREDIENTS

AQUA (WATER), KAOLIN, CETEARYL ALCOHOL, DICAPRYLYL CARBONATE, GLYCERIN, XANTHAN GUM, PHENOXYETHANOL, DIAZOLIDINYL UREA, SODIUM CETEARYL SULFATE, SODIUM LAURYL SULFATE, YELLOW 5 (CI 19140), YELLOW 6 (CI 15985)

## STATUTORY REGULATIONS

This product is manufactured and labeled in compliance with the Federal, Drug, and Cosmetic Act issued by the Food and Drug Administration (FDA).

## 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/us/sds](http://www.debgroup.com/us/sds).

## QUALITY ASSURANCE

Deb products are manufactured in facilities which follow Current Good Manufacturing Practice (cGMP) and/or Cosmetic GMP requirements.

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

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

## SHELF LIFE

This product has a shelf life of at least 24 months from the date of manufacture when stored unopened at room temperature.

## CERTIFICATIONS

USDA BioPreferred: Stokoderm® Protect PURE was certified by the United States Department of Agriculture to have 90% biobased content and to comply with the USDA defined thresholds for biobased Personal Care products.

## PACK SIZES

| Stock Code | Size              | Case Quantity |
|------------|-------------------|---------------|
| UPW30ML    | 30ml tube         | 100           |
| UPW100ML   | 100ml tube        | 12            |
| UPW1L      | 1 liter cartridge | 6             |

## 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 semi occlusive, 48 consecutive hour application models. These tests, as well as in practical use, have proven that the product has very good skin compatibility.

**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.

## EFFICACY TESTS

**Human Repeat Irritation Patch Test (HRIPT):** 11 day HRIPT testing shows that Stokoderm® Protect PURE is effective in reducing irritation caused by the water based contaminant sodium lauryl sulphate.

**Barrier Property Test:** Repeated Occlusive Irritation Patch Testing using 14 healthy panellists was conducted using one water soluble substance (Sodium Lauryl Sulphate) and one non-water based substance (Ethyl Acetate/Undecylenic Acid, 1:1). Each substance was applied at one time per day for 30 minutes over 5 days, alternating the water-based substance in the morning and non-water based in the afternoon. Results (Figure 1) show Stokoderm® Protect PURE significantly reduces the Visual Skin Erythema and Trans Epidermal Water Loss (TEWL) compared to unprotected skin.

## COMPATIBILITY TESTS

**Glove Compatibility:** In independent testing, the use of Stokoderm® Protect PURE in combination with latex and nitrile gloves does not have any deleterious effect on the glove tensile properties using EN 455-2:2009 test methodology.

**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® Protect PURE in rubber production process does not influence the cohesive strength of rubber.

### SUITABLE FOR USE IN FOOD HANDLING

The use of Stokoderm® Protect PURE as per usage instructions, does not influence the quality and safety of foodstuffs.

The product has been assessed using the HACCP hazard analysis methodology. The following critical control points were identified and are controlled as follows -

- 1) Impact on smell and taste of foodstuffs - The formulation has been independently tested according to Sensory Analysis - Methodology - Triangle Test EN ISO 4120:2007 and proven to not have the potential to taint food.
- 2) Possible toxic effects of ingredients - An independent oral toxicological evaluation was performed and concluded that any foodstuffs which may contain trace amounts of the product, are unlikely to cause any adverse toxicological effects.

#### Deb USA, Inc.

2815 Coliseum Centre Drive  
Suite 600  
Charlotte, NC 28217  
USA  
Tel: 800 248 7190  
www.debgroup.com

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