1. Product and Company Identification

Product Name: Lanacane® Anti-Chafing Gel
UPC CODES: Refer to Section 16
Product use: Skin Gel
Distributed by: Reckitt Benckiser
Morris Corporate Center IV
399 Interpace Parkway
P.O. Box 225
Parsippany, NJ 07054-0225
In Case of Emergency: 1-800-338-6167
Transportation Emergencies: 24 Hour Number:
   North America: CHEMTREC: 1-800-424-9300
   Outside North America: 1-703-527-3887

LEGEND
HMIS/NFPA

| Severe  | 4 |
| Serious | 3 |
| Moderate| 2 |
| Slight  | 1 |
| Minimal | 0 |

2. Hazards Identification

Emergency overview
This product is regulated by the US FDA as a personal care cosmetic.

Warnings: For external use only. Do not use in or near the eyes.
Directions: Smooth a small amount on skin. Re-apply if needed. For best results, apply prior to activity.

KEEP OUT OF REACH OF CHILDREN.

Potential short term health effects

Routes of exposure
Eye, Skin contact, Inhalation, Ingestion.

Eyes
Avoid contact with eyes.
May cause eye irritation upon direct contact with the eyes.

Skin
Not a skin irritant.
Not expected to be a skin sensitizer.

Inhalation
May cause respiratory tract irritation.

Ingestion
Health injuries are not known or expected under normal use.

Target organs
Eyes. Skin.

Chronic effects
The finished product is not expected to have chronic health effects.

Signs and symptoms
None expected during normal conditions of use.

OSHA Regulatory Status
This product is NOT known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Potential environmental effects
Components of this product have been identified as having potential environmental concerns.
3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyclopentasiloxane</td>
<td>541-02-6</td>
<td>60 - 80</td>
</tr>
<tr>
<td>Zea Mays (Corn) Starch</td>
<td>9005-25-8</td>
<td>2.5 - 10</td>
</tr>
<tr>
<td>Dimethicone Crosspolymer</td>
<td>213629-14-2</td>
<td>10 - 20</td>
</tr>
<tr>
<td>Cyclomethicone</td>
<td>69430-24-6</td>
<td>1 - 2.5</td>
</tr>
<tr>
<td>Cyclotetrasiloxane</td>
<td>556-67-2</td>
<td>1 - 2.5</td>
</tr>
<tr>
<td>Siloxanes and silicones di-methyl, hydroxy terminated polymer with silsesquioxane and disilyethane</td>
<td>231297-85-1</td>
<td>1 - 2.5</td>
</tr>
</tbody>
</table>

4. First Aid Measures

First aid procedures

- **Eye contact**
  - If product gets into the eyes, rinse thoroughly with water.

- **Skin contact**
  - Wash with soap and water. Get medical attention if irritation develops or persists.

- **Inhalation**
  - Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

- **Ingestion**
  - In case of accidental ingestion, seek professional assistance or contact a Poison Control Center immediately.

**Notes to physician**

- Treat patient symptomatically.

**General advice**

- If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes. Keep out of reach of children.

5. Fire Fighting Measures

**Flammable properties**

- Combustible by OSHA criteria.

**Extinguishing media**

- **Suitable extinguishing media**

- **Unsuitable extinguishing media**
  - Not available

**Protection of firefighters**

- **Specific hazards arising from the chemical**
  - Not available

- **Protective equipment for firefighters**
  - Firefighters should wear full protective clothing including self contained breathing apparatus.

**Hazardous combustion products**

- May include and are not limited to: Oxides of carbon. Oxides of silicon.

**Explosion data**

- **Sensitivity to mechanical impact**
  - Not available

- **Sensitivity to static discharge**
  - Not available

6. Accidental Release Measures

**Personal precautions**

- Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

**Environmental precautions**

- Do not discharge into lakes, streams, ponds or public waters.

**Methods for containment**

- Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.

**Methods for cleaning up**

- Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills to original containers for re-use.

7. Handling and Storage

**Handling**

- For external use only.
- Avoid contact with eyes.
- Wash thoroughly after handling.
8. Exposure Controls / Personal Protection

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyclomethicone</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td>Cyclopentasiloxane</td>
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</tr>
<tr>
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</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td>Zea Mays (Corn) Starch</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>TWA: 10 mg/m3</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>TWA: 15 mg/m3</td>
</tr>
</tbody>
</table>

Engineering controls

Personal protective equipment

Eye / face protection
Avoid contact with eyes.
Not normally required under normal use conditions.

Hand protection
Not required.

Skin and body protection
No special requirements under normal use conditions.

Respiratory protection
Not normally required under normal use conditions.

General hygiene considerations
Avoid contact with eyes.
Handle in accordance with good industrial hygiene and safety practice.
Wash thoroughly after handling.

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear. Gel.</td>
</tr>
<tr>
<td>Color</td>
<td>Colorless</td>
</tr>
<tr>
<td>Form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Not available</td>
</tr>
</tbody>
</table>
Pour point: Not available
Evaporation rate: Not available
Flash point: 170 °F (76.66 °C)
Auto-ignition temperature: Not available
Flammability limits in air, lower, % by volume: Not available
Flammability limits in air, upper, % by volume: Not available
Vapor pressure: Not available
Vapor density: Not available
Specific gravity: Not available
Octanol/water coefficient: Not available
Solubility (H2O): Insoluble
VOC (Weight %): Not available
Percent volatile: Not available

10. Stability and Reactivity

Reactivity: This product may react with strong acids.
Possibility of hazardous reactions: Hazardous polymerization does not occur.
Chemical stability: Stable under recommended storage conditions.
Conditions to avoid: Do not mix with other chemicals.
Hazardous decomposition products: May include and are not limited to: Oxides of carbon. Oxides of silicon.

11. Toxicological Information

Component analysis - LC50
Ingredient(s) | LC50
---|---
Cyclomethicone | Not available
Cyclopentasiloxane | Not available
Cyclotetrasiloxane | 12.7 mg/kg rat; 12.7 mg/l/4h rat
Dimethicone Crosspolymer | Not available
Siloxanes and silicones di-methyl, hydroxy terminated polymer with silsesquioxane and disilyethane | Not available
Zea Mays (Corn) Starch | Not available

Component analysis - Oral LD50
Ingredient(s) | LD50
---|---
Cyclomethicone | Not available
Cyclopentasiloxane | Not available
Cyclotetrasiloxane | 1540 mg/kg rat
Dimethicone Crosspolymer | Not available
Siloxanes and silicones di-methyl, hydroxy terminated polymer with silsesquioxane and disilyethane | Not available
Zea Mays (Corn) Starch | Not available

Effects of acute exposure

Eye: Avoid contact with eyes. May cause eye irritation upon direct contact with the eyes.
Skin: Not a skin irritant. Not expected to be a skin sensitizer.
Inhalation: May cause respiratory tract irritation.
Ingestion: Health injuries are not known or expected under normal use.
Sensitization: The finished product is not expected to have chronic health effects.
Chronic effects: The finished product is not expected to have chronic health effects.
Carcinogenicity

ACGIH - Threshold Limit Values - Carcinogens
Zea Mays (Corn) Starch 9005-25-8 A4 - Not Classifiable as a Human Carcinogen

Mutagenicity

Reproductive effects

Teratogenicity

Name of Toxicologically Synergistic Products

Not available.

12. Ecological Information

Ecotoxicity

Components of this product have been identified as having potential environmental concerns.

Ecotoxicity - Freshwater Fish - Acute Toxicity Data
Cyclotetrasiloxane 556-67-2 96 Hr LC50 Brachydanio rerio: >500 mg/L; 96 Hr LC50 Lepomis macrochirus: >1000 mg/L

Ecotoxicity - Water Flea - Acute Toxicity Data
Cyclotetrasiloxane 556-67-2 24 Hr EC50 Daphnia magna: 25.2 mg/L

Persistence / degradability

Not available

Bioaccumulation / accumulation

Not available

Mobility in environmental media

Not available

Environmental effects

Not available

Aquatic toxicity

Not available

Partition coefficient

Not available

Chemical fate information

Not available

13. Disposal Considerations

Disposal instructions

Review federal, provincial, and local government requirements prior to disposal.

Waste from residues / unused products

Not available

Contaminated packaging

Not available

14. Transport Information

UN/ID N.o.

Not applicable

U.S. Department of Transportation (DOT): Classification: Not regulated

Proper shipping name

Not applicable

U.S. DOT Hazard Class

Not applicable

Subsidiary Risk

Not applicable

Packing group

Not applicable

DOT RQ (lbs)

Not applicable

ERG NO

Not applicable
Transportation of Dangerous Goods (TDG - Canada): Classification: Not regulated

Proper shipping name  Not applicable
Status  Not applicable
Packing group  Not applicable

IMDG (Marine Transport): Classification: Not regulated

Proper shipping name  Not applicable
Class  Not applicable
Subsidiary Risk  Not applicable
Packing group  Not applicable
IMDG Page  Not applicable
Marine pollutant  Not applicable
EMS  Not applicable
MFAG  Not applicable
Maximum Quantity  Not applicable

IATA/ICAO (Air): Classification: Not regulated

Proper shipping name  Not applicable
Class  Not applicable
Subsidiary Risk:  Not applicable
Packing group  Not applicable
Maximum Quantity  Not applicable

15. Regulatory Information

Occupational Safety and Health Administration (OSHA)
29 CFR 1910.1200 hazardous chemical  No

US Federal regulations
This product is NOT known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components of this product are either on the TSCA Inventory, are exempt from TSCA Inventory.

CERCLA (Superfund) reportable quantity
None
Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance
No

Section 311 hazardous chemical
No

Clean Air Act (CAA)
Not available

Clean Water Act (CWA)
Not available

State regulations
This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

U.S. - Massachusetts - Right To Know List
Zea Mays (Com) Starch 9005-25-8 Present (dust, exempt when encapsulated or if particulates are not present and cannot be substantially generated through use of the product)

U.S. - Minnesota - Hazardous Substance List
Zea Mays (Com) Starch 9005-25-8 Present (dust)

U.S. - Pennsylvania - RTK (Right to Know) List
Zea Mays (Com) Starch 9005-25-8 Present

U.S. - Rhode Island - Hazardous Substance List
Zea Mays (Com) Starch 9005-25-8 Toxic

Inventory status
Country(s) or region        Inventory name                                      On inventory (yes/no)*
United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory No

A “Yes” indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

Disclaimer
This product should only be used as directed on the label and for the purpose intended. To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Further information
11509-05011-3 - 1 oz (28g) - Lanacane® Anti-Chafing Gel - RD 4454
62200-05011-7 - 1 oz (28g) - Lanacane® Anti-Chafing Gel - RD 4454

Issue date
14-Nov-2011

Prepared by
Reckitt Benckiser Regulatory Department 800-333-3899

Other information
For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.