MATERIAL SAFETY DATA SHEET

Starlene

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Starlene
MSDS #: 2033000986001
Product code: 3510305, 2033000866001
Recommended use: LAUNDRY STARCH.

Manufacturer, importer, supplier:
US Headquarters
JohnsonDiversey, Inc.
8310 10th St
Sturtevant, Wisconsin 53177-0902
Phone: 1-866-392-2249
MSDS Internet Address: www.johnsondiversey.com

Emergency telephone number: 1-800-861-7145 (ProStar); 1-851-917-8133 (Inf Prostar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

MAY CAUSE EYE AND SKIN IRRITATION

Principle routes of exposure: Eyes, Skin, Inhalation. Ingestion.

Skin contact: May be mildly irritating to skin.

Eye contact: May be mildly irritating to eyes.

Inhalation: May be irritating to nose, throat, and respiratory tract.

Ingestion: None

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
<th>Weight %</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Starch</td>
<td>9005-25-3</td>
<td>30 - 100%</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Eye contact: Flush immediately with plenty of water. If irritation persists, get medical attention.

Skin contact: Rinse with plenty of water. If irritation persists, get medical attention.

Inhalation: If breathing is affected, remove to fresh air.

Ingestion: No specific first aid measures are required.

Aggravated Medical Conditions: None known.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry chemical, water spray, foam, carbon dioxide.

Specific hazards: None known

Unusual hazards: None known

Specific methods: No special methods required

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Extinguishing media which must not be used for safety reasons: None.
6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Ensure adequate ventilation.
Environmental precautions and clean-up methods: Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling:
Avoid contact with skin and eyes. Wash thoroughly after handling. Do not breathe dust. Use only with adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage:
Keep tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:
In processes where dust or airborne particulates may be generated, proper ventilation must be provided in accordance with good ventilation practices.

Personal Protective Equipment

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Starch</td>
<td>9002-25-6</td>
<td>10 mg/m³ (TWA)</td>
<td>5 mg/m³ Respirable fraction</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 mg/m³ (TWA)</td>
<td>15 mg/m³ Total dust.</td>
</tr>
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</table>

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical State:</th>
<th>Solid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color:</td>
<td>White</td>
</tr>
<tr>
<td>Odor:</td>
<td>Odorless</td>
</tr>
<tr>
<td>Specific gravity:</td>
<td>1.50 g/cc</td>
</tr>
<tr>
<td>Dilution pH:</td>
<td>7.0 @ 1%</td>
</tr>
<tr>
<td>Bulk density:</td>
<td>1.50 kg/L (12.5 lb/gal)</td>
</tr>
<tr>
<td>Vapor density:</td>
<td>No information available</td>
</tr>
<tr>
<td>Evaporation rate:</td>
<td>No information available</td>
</tr>
<tr>
<td>Solubility in water:</td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity:</td>
<td>No information available</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water):</td>
<td>No information available</td>
</tr>
<tr>
<td>Appearance:</td>
<td>Powder</td>
</tr>
<tr>
<td>Boiling point/range:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Melting point/range:</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH:</td>
<td>No information available</td>
</tr>
<tr>
<td>Density:</td>
<td>1.50 g/ml</td>
</tr>
<tr>
<td>Decomposition temperature:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Autoignition temperature:</td>
<td>No information available</td>
</tr>
<tr>
<td>Solubility:</td>
<td>Dispersible</td>
</tr>
<tr>
<td>VCC:</td>
<td>0.0</td>
</tr>
<tr>
<td>Flash point:</td>
<td>&gt;200°F &gt;03.3°C</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Stability: The product is stable.
Polymerization: Hazardous polymerisation does not occur.
Hazardous decomposition products: None reasonably foreseeable.
Materials to avoid: Strong oxidising agents.
Conditions to avoid: No special storage conditions required.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Oral, LD50 estimated to be greater than 5000 mg/kg. Dermal, LD50 estimated to be > 2000 mg/kg.
Component information: See Section 3
Chronic toxicity: None known.
Specific effects:
- Carcinogenic effects: None known
- Mutagenic effects: None known
- Reproductive toxicity: None known
- Target organ effects: None known

12. ECOLOGICAL INFORMATION

Environmental Information: When used for its intended purpose this product should not cause adverse effects in the environment.

Starline
13. DISPOSAL CONSIDERATIONS
Waste from residues/unused products:
Dispose of according to all federal, state and local applicable regulations

14. TRANSPORT INFORMATION
DOT/ITOG: Please refer to the Bill of Lading/Receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories:
All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/INCS), Europe (EINECS/ELINCS/NLP), Australia (AICS), Korea (ECL), Philippines (PICCS), China (IEGSC).

U.S. Regulations:
California Proposition 65: This product is not subject to the reporting requirements under California’s Proposition 65

STATE RIGHT TO KNOW

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
<th>MRTK:</th>
<th>NRTK:</th>
<th>PRTK:</th>
<th>HRTK:</th>
<th>ILRTK:</th>
<th>CTRTK:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Starch</td>
<td>9005-25-8</td>
<td>Listed</td>
<td></td>
<td></td>
<td></td>
<td>Listed</td>
<td>Listed</td>
</tr>
</tbody>
</table>

CERCLA/ SARA
None.
CAA HAP/CAA ODS/CWA Priority Pollutants: None.

Canada

WHMIS hazard class: Non-controlled.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
<th>NPRI</th>
</tr>
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<tbody>
<tr>
<td>Starch</td>
<td>9005-25-8</td>
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</tbody>
</table>

16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAPRA
Additional advice: None

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