SAFETY DATA SHEET
Date Prepared: 05/06/2015
SDS No: Simplex Products_Purge Multi Enzyme Spotter & Deodorizer

Purge Multi Enzyme Spotter & Deodorizer

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Purge Multi Enzyme Spotter & Deodorizer
GENERAL USE: Remove spots, stains and odors from carpet
PRODUCT DESCRIPTION: Carpet Spot Remover and Odor Counteractant
CHEMICAL FAMILY: Bacteria/detergent blend

DISTRIBUTOR
Simplex Products
6 Commercial St.
Sharon, MA 02067
Customer Service: 781-784-8484

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS
Health:
Eye Irritation, Category 2B

GHS LABEL
SIGNAL WORD: WARNING
HAZARD STATEMENTS
H320: Causes eye irritation.

PRECAUTIONARY STATEMENT(S)
Prevention:
P264: Wash hands thoroughly after handling.
P262: Do not get in eyes, on skin, or on clothing.
P102: Keep out of reach of children.

Response:
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Storage:
P404: Store in a closed container.

Disposal:
P501: Dispose of contents/container according to all local, state and Federal regulations.

EMERGENCY OVERVIEW
PHYSICAL APPEARANCE: Amber liquid
IMMEDIATE CONCERNS: Mild eye irritant.

POTENTIAL HEALTH EFFECTS
EYES: Contact may cause eye irritation.
SKIN: May be mildly irritating with prolonged or repeated contact.
SKIN ABSORPTION: None Expected.
INGESTION: Although of moderate to low toxicity, ingestion of large amounts can cause gastrointestinal irritation, nausea, vomiting, diarrhea.
**INHALATION:** Mist is irritating to nose, throat and lungs.

**REPRODUCTIVE TOXICITY**

**TERATOGENIC EFFECTS:** No known significant effects or critical hazards.

**CARCINOGENICITY:** No listed substance

**MUTAGENICITY:** No known significant effects or critical hazards.

**ROUTES OF ENTRY:** Ingestion, eye

**CANCER STATEMENT:** No listed substance

**SENSITIZATION:** No known significant effects or critical hazards.

**WARNING CAUTION LABELS:** None

**PHYSICAL HAZARDS:** None Expected.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Wt.%</th>
<th>CAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Secondary Ethoxylated Alcohol</td>
<td>0 - 3</td>
<td>84133-50-6</td>
</tr>
<tr>
<td>Sodium Xylene Sulfonate</td>
<td>0 - 5</td>
<td>1300-72-7</td>
</tr>
<tr>
<td>Bacteria - Multiple Bacillus Spp.</td>
<td>0 - 5</td>
<td>N/A</td>
</tr>
<tr>
<td>Fragrance</td>
<td>0 - 1</td>
<td>N/A</td>
</tr>
<tr>
<td>Water</td>
<td>90 - 98</td>
<td>7732-18-5</td>
</tr>
</tbody>
</table>

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** Remove victim to fresh air and monitor. Seek medical advise if irritation persists.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**EYES:** Slight discomfort with redness, watering eyes.

**SKIN:** Redness and itching sensation.

**INGESTION:** Irritation of mouth, throat, along with stomach upset, vomiting.

**INHALATION:** Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.

**ACUTE TOXICITY:** None known.

**CHRONIC EFFECTS:** No known significant effects or critical hazards.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** NA = Not Applicable

**EXTINGUISHING MEDIA:** Not required.

**EXPLOSION HAZARDS:** None

**FIRE FIGHTING PROCEDURES:** None

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Avoid walking in product. Wipe up or otherwise flush small spills to sanitary sewer.

**LARGE SPILL:** Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

**ENVIRONMENTAL PRECAUTIONS**

**WATER SPILL:** Avoid discharges into open waterways.

**LAND SPILL:** Avoid discharge to soil.
7. HANDLING AND STORAGE

GENERAL PROCEDURES: Close container after use.
HANDLING: Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.
STORAGE: Store in closed container in an area inaccessible to children.
STORAGE TEMPERATURE: Store at ambient temperatures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Use in well ventilated area.
PERSONAL PROTECTIVE EQUIPMENT
EYES AND FACE: Safety glasses with side shields.
SKIN: Rubber or other chemical resistant gloves.
RESPIRATORY: NA = Not Applicable
PROTECTIVE CLOTHING: NA = Not Applicable

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOR: Fresh & Clean
ODOR THRESHOLD: Not Established
COLOR: Amber
pH: 8.0 to 9.0
PERCENT VOLATILE: >98
FLASH POINT AND METHOD: None
FLAMMABLE LIMITS: N/A
AUTOIGNITION TEMPERATURE: NA = Not Applicable
VAPOR PRESSURE: ~ 20 mm Hg at (68°F)
VAPOR DENSITY: > 1 Air = 1
BOILING POINT: 212°F; 100°C
FREEZING POINT: 32°F; 0°C
SOLUBILITY IN WATER: Complete
EVAPORATION RATE: (Water =1) 1.0
DENSITY: 8.45 at (68°F)
SPECIFIC GRAVITY: 1.013 grams/ml.
VISCOITY: Water thin.
(VOC): None

10. STABILITY AND REACTIVITY

REACTIVITY: Yes
HAZARDOUS POLYMERIZATION: Will not occur.
STABILITY: No known significant effects or critical hazards.
CONDITIONS TO AVOID: Strong oxidizing materials.
HAZARDOUS DECOMPOSITION PRODUCTS: None Expected.
INCOMPATIBLE MATERIALS: Strong oxidizers

11. TOXICOLOGICAL INFORMATION
ACUTE

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ORAL LD$_{50}$ (rat)</th>
<th>DERMAL LD$_{50}$ (rabbit)</th>
<th>INHALATION LC$_{50}$ (rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Secondary Ethoxylated Alcohol</td>
<td>&gt; 412 mg/kg (rat)</td>
<td>&gt; 14000 mg/kg (rabbit)</td>
<td>1.06 mg/l (Rat), Aerosol</td>
</tr>
</tbody>
</table>

**EYES:** Not Established  
**DERMAL LD$_{50}$:** No known significant effects or critical hazards.  
**SKIN ABSORPTION:** No known significant effects or critical hazards.  
**INHALATION LC$_{50}$:** No known significant effects or critical hazards.  
**EYE EFFECTS:** Mild to moderate eye irritant.  
**SKIN EFFECTS:** May irritate skin with prolonged or repeated contact.  
**CHRONIC:** No known significant effects or critical hazards.  
**IRRITATION:** Not Established  
**SENSITIZATION:** No known significant effects or critical hazards.  
**REPRODUCTIVE EFFECTS:** No known significant effects or critical hazards.  
**MUTAGENICITY:** No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No known significant effects or critical hazards.  
**ECOTOXICOLOGICAL INFORMATION:** Not Established  
**AQUATIC TOXICITY (ACUTE):** Not Established

13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Small amounts (less than 5 gallons) may be disposed of in sanitary sewer. Consult local authorities for additional disposal information.  
**FOR LARGE SPILLS:** Consult with local and state authorities for large volume disposal.  
**PRODUCT DISPOSAL:** See above.  
**EMPTY CONTAINER:** Rinse container with clear water. Offer container for recycling, or dispose of in trash.  
**RCRA/EPA WASTE INFORMATION:** NA = Not Applicable

14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**  
**PROPER SHIPPING NAME:** Cleaning Compound, not regulated.  
**U.S. CUSTOMS HARMONIZATION NUMBER:** 3402.90.10.00

15. REGULATORY INFORMATION

**UNITED STATES**  
**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**  
**311/312 HAZARD CATEGORIES:** Health - Acute  
**FIRE:** No  
**PRESSURE GENERATING:** No  
**REACTIVITY:** No  
**ACUTE:** Yes  
**CHRONIC:** No  
**313 REPORTABLE INGREDIENTS:** No listed substance  
**302/304 EMERGENCY PLANNING**  
**EMERGENCY PLAN:** NA = Not Applicable

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**  
**CERCLA REGULATORY:** NA = Not Applicable

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**
TSCA REGULATORY: All ingredients are listed on the TSCA Chemical Inventory.

CALIFORNIA PROPOSITION 65: No listed substance

CARCINOGEN: No listed substance

16. OTHER INFORMATION

PREPARED BY: Regulatory Affairs Department  Date Prepared: 05/06/2015

<table>
<thead>
<tr>
<th>HMIS RATING</th>
<th>NFPA CODES</th>
</tr>
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<tbody>
<tr>
<td>HEALTH</td>
<td>1</td>
</tr>
<tr>
<td>FLAMMABILITY</td>
<td>0</td>
</tr>
<tr>
<td>PHYSICAL HAZARD</td>
<td>0</td>
</tr>
<tr>
<td>PERSONAL PROTECTION</td>
<td>A</td>
</tr>
</tbody>
</table>

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