SAFETY DATA SHEET

Date Prepared: 05/06/2015
SDS No: Simplex Products_Glisten Glass

Glisten Glass

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Glisten Glass
GENERAL USE: Indoor and outdoor glass cleaner
PRODUCT DESCRIPTION: Non-Ammoniated Glass Cleaner
CHEMICAL FAMILY: Solvent alcohol blend

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

24 HR. EMERGENCY TELEPHONE NUMBERS
CHEM-TEL (Medical and Transportation): 800-255-3924
POISON CONTROL CENTER (Medical): 800-222-1222

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: Blue liquid
IMMEDIATE CONCERNS: Mild eye irritant.

POTENTIAL HEALTH EFFECTS
EYES: Contact may cause eye irritation.
SKIN: Skin irritant 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: None known.
MUTAGENICITY: None known.

ROUTES OF ENTRY: Ingestion, eye

CANCER STATEMENT: None

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>Isopropanol</td>
<td>0 - 3</td>
<td>67-63-0</td>
</tr>
<tr>
<td>Ethylene glycol butyl ether</td>
<td>0 - 2</td>
<td>111-76-2</td>
</tr>
<tr>
<td>Sodium Lauryl Sulfate</td>
<td>0 - 1</td>
<td>151-21-3</td>
</tr>
<tr>
<td>Dye</td>
<td>&lt; 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:** Burning sensation with tearing, redness.

**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:** IIIB (>200F)

**EXTINGUISHING MEDIA:** Use an extinguishing agent suitable for the surrounding fire.

**EXPLOSION HAZARDS:** Fire exposed containers may burst due to increased pressure from heat.

**FIRE FIGHTING PROCEDURES:** Keep fire exposed containers cool with water stream or mist.

### 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.

**AIR SPILL:** NA = Not Applicable

### 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

EXPOSURE GUIDELINES

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Supplier OEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ppm</td>
<td>mg/m³</td>
<td>ppm</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>TWA</td>
<td>400</td>
<td>980</td>
</tr>
<tr>
<td></td>
<td>STEL</td>
<td>400</td>
<td>960</td>
</tr>
<tr>
<td>Ethylene glycol butyl ether</td>
<td>TWA</td>
<td>50</td>
<td>240</td>
</tr>
<tr>
<td></td>
<td>STEL</td>
<td>NL</td>
<td>NL</td>
</tr>
</tbody>
</table>

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: Characteristic.

ODOR THRESHOLD: Not Established

COLOR: Blue

pH: 10.0 to 11.0

PERCENT VOLATILE: >98%

FLASH POINT AND METHOD: >100°C (212°F)

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: 8.26 at (68°F)

SPECIFIC GRAVITY: 0.99 grams/ml.

VISCOITY: Water thin.

(VOC): ≤ 4.000 % by weight

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>Isopropanol</td>
<td>5045 mg/kg (rat)</td>
<td>12800 mg/kg (rabbit)</td>
<td>16000 ppm</td>
</tr>
<tr>
<td>Ethylene glycol butyl ether</td>
<td>1300 mg/kg (rat)</td>
<td>&gt; 2000 mg/kg (rabbit)</td>
<td>&gt; 3.1 mg/l</td>
</tr>
<tr>
<td>Sodium Lauryl Sulfate</td>
<td>1200 mg/kg (rat)</td>
<td>&gt; 2000 to 20000 mg/kg (rabbit)</td>
<td>&gt; 3900 mg/m3 (rat)</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.
CARCINOGENICITY

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>NTP Status</th>
<th>IARC Status</th>
<th>OSHA Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene glycol butyl ether</td>
<td>No listed substance</td>
<td>Group 3 - Not classifiable as to its carcinogenicity to Humans</td>
<td>No listed substance</td>
</tr>
</tbody>
</table>

IRRITATION: Not Established
SENSITIZATION: 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: 2-butoxyethanol 111-76-2 (Category: N230 Certain Glycol Ethers)

EPCRA SECTION 313 SUPPLIER NOTIFICATION

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<th>CAS</th>
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<tbody>
<tr>
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</tr>
</tbody>
</table>

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.

STATES WITH SPECIAL REQUIREMENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Requirements</th>
</tr>
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<tbody>
<tr>
<td>Isopropanol</td>
<td>Massachusetts Right to Know Substance</td>
</tr>
<tr>
<td></td>
<td>New Jersey Right To Know Substance</td>
</tr>
<tr>
<td></td>
<td>Pennsylvania Right to Know Substance</td>
</tr>
<tr>
<td>Ethylene glycol butyl ether</td>
<td>Massachusetts Right to Know Substance</td>
</tr>
<tr>
<td></td>
<td>Pennsylvania Right to Know Substance</td>
</tr>
<tr>
<td></td>
<td>New Jersey Right To Know Substance</td>
</tr>
<tr>
<td>Sodium Lauryl Sulfate</td>
<td>New Jersey Right To Know Substance</td>
</tr>
<tr>
<td></td>
<td>Pennsylvania Right to Know Substance</td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65: No listed substance

CARCINOGEN: Contains an ingredient listed under IARC Group 3.

16. OTHER INFORMATION

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

HMIS RATING

<table>
<thead>
<tr>
<th></th>
<th>Code</th>
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<tbody>
<tr>
<td>HEALTH</td>
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<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>

NFPA CODES

1 0 1 0
MANUFACTURER DISCLAIMER: This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.