SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Headstart
GENERAL USE: Pre-spray or extraction cleaning of carpets
PRODUCT DESCRIPTION: Prespray & Extraction Cleaner
CHEMICAL FAMILY: Solvent/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 2A
- Skin Irritation, Category 3

GHS LABEL
Exclamation mark

SIGNAL WORD: WARNING

HAZARD STATEMENTS
- H319: Causes serious eye irritation.
- H316: Causes mild skin irritation.
- H303: May be harmful if swallowed.

PRECAUTIONARY STATEMENT(S)

Prevention:
- P262: Do not get in eyes, on skin, or on clothing.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P264: Wash hands thoroughly after handling.
- P233: Keep container tightly closed.
- 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.
- P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.
- P332+P313: If skin irritation occurs: 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: Clear Liquid

IMMEDIATE CONCERNS: Eye & Skin irritant

POTENTIAL HEALTH EFFECTS

EYES: Contact causes eye irritation.

SKIN: Skin irritant with prolonged or repeated contact.

SKIN ABSORPTION: None Expected.

INGESTION: Although of moderate to low toxicity, ingestion can cause gastrointestinal irritation, nausea, vomiting, diarrhea, and possible death.

INHALATION: None Expected.

REPRODUCTIVE TOXICITY

TERATOGENIC EFFECTS: None known.

CARCINOGENICITY: No listed substance

MUTAGENICITY: None known.

MEDICAL CONDITIONS AGGRAVATED: Previous skin conditions such as dermatitis may be aggravated.

ROUTES OF ENTRY: Eye, skin, ingestion.

CANCER STATEMENT: No listed substance

WARNING CAUTION LABELS: Irritant

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 Alcohol Ethoxylate</td>
<td>0 - 5</td>
<td>84133-50-6</td>
</tr>
<tr>
<td>Primary Alcohol Ethoxylate C11</td>
<td>0 - 5</td>
<td>34398-01-1</td>
</tr>
<tr>
<td>Homopolymer of acrylic acid</td>
<td>0 - 5</td>
<td>66019-18-9</td>
</tr>
<tr>
<td>Diethylene Glycol Butyl Ether</td>
<td>0 - 5</td>
<td>112-34-5</td>
</tr>
<tr>
<td>Tripropylene Glycol Methyl Ether</td>
<td>0 - 5</td>
<td>25498-49-1</td>
</tr>
<tr>
<td>Fragrance</td>
<td>&lt; 0.5</td>
<td>N/A</td>
</tr>
<tr>
<td>Water</td>
<td>80 - 85</td>
<td>7732-18-5</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

EYES: Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.

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: Prolonged contact will cause irritation marked by redness, burning sensation.

SKIN ABSORPTION: Not Established

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: Not Established

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: NA = Not Applicable
GENERAL HAZARD: NA = Not Applicable
EXTINGUISHING MEDIA: Not required. Water based material.
FIRE FIGHTING PROCEDURES: NA = Not Applicable

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.

GENERAL PROCEDURES: Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material and transfer to containers.

SPECIAL PROTECTIVE EQUIPMENT: Eye protection, rubber gloves, rubber boots to protect feet.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Close container after use.
HANDLING: Wear eye protection, rubber gloves when handling concentrate.
STORAGE: Store in area inaccessible to children.
STORAGE TEMPERATURE: Store at ambient temperatures.
STORAGE PRESSURE: Store at ambient atmospheric pressure.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>EXPOSURE LIMITS</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene Glycol Butyl Ether</td>
<td>ACGIH TLV</td>
<td>Supplier OEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ppm</td>
<td>mg/m³</td>
<td>ppm</td>
</tr>
<tr>
<td>TWA</td>
<td>10</td>
<td>35</td>
<td>NL</td>
</tr>
<tr>
<td>STEL</td>
<td>NL</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: A respirator is not needed under normal and intended conditions of product use.

PROTECTIVE CLOTHING: No special requirements.
WORK HYGIENIC PRACTICES: Wash with soap and water after handling. Do not eat, drink or smoke while using product.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOR: Lavender
ODOR THRESHOLD: Not Established
COLOR: Water Clear
pH: 9.5 to 10.5
PERCENT VOLATILE: 85+
FLASH POINT AND METHOD: None
FLAMMABLE LIMITS: N/A
AUTOIGNITION TEMPERATURE: NA = Not Applicable
VAPOR PRESSURE: \( \leq 20 \text{ mm Hg at } (68^\circ\text{F}) \)
VAPOR DENSITY: \(< 1 \text{ Air } = 1\)
BOILING POINT: 212°F; 100°C
FREEZING POINT: 32°F; 0°C
THERMAL DECOMPOSITION: Not Available
SOLUBILITY IN WATER: Complete
EVAPORATION RATE: (Water =1) 1.0
DENSITY: 8.53 at (68°F)
SPECIFIC GRAVITY: 1.022 grams/ml.
VISCOSITY: Water thin.
(VOC): None

### 10. STABILITY AND REACTIVITY

REACTIVITY: Yes
HAZARDOUS POLYMERIZATION: No
CONDITIONS TO AVOID: Not Established
POSSIBILITY OF HAZARDOUS REACTIONS: None Expected.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.
INCOMPATIBLE MATERIALS: Strong acids, 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 Alcohol Ethoxylate</td>
<td>(&gt; 412 \text{ mg/kg (rat)})</td>
<td>(&gt; 14000 \text{ mg/kg (rabbit)})</td>
<td>1.06 mg/l (Rat), Aerosol</td>
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<tr>
<td>Primary Alcohol Ethoxylate C11</td>
<td>(&gt; 2000 \text{ mg/kg (rat)})</td>
<td>(&gt; 2000 \text{ mg/kg (rabbit)})</td>
<td></td>
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<tr>
<td>Diethylene Glycol Butyl Ether</td>
<td>(\sim 4500 \text{ mg/kg (rat)})</td>
<td>(\sim 2764 \text{ mg/kg (rabbit)})</td>
<td></td>
</tr>
<tr>
<td>Tripropylene Glycol Methyl Ether</td>
<td>(&gt; 3200 \text{ mg/kg (rat)})</td>
<td>(&gt; 2000 \text{ mg/kg (rabbit)})</td>
<td></td>
</tr>
</tbody>
</table>

EYES: Not Established
DERMAL LD\(_{50}\): Not Established
SKIN ABSORPTION: None Expected.
ORAL LD\(_{50}\): Not Established
INHALATION LC\(_{50}\): Not Established
EYE EFFECTS: Moderate to severe eye irritant.
SKIN EFFECTS: May irritate skin with prolonged or repeated contact.

IRRITATION: Irritant

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: Not Established

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: Any method in accordance with local, state, and federal laws. Best method is to recycle or reuse for intended purpose.

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.

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Cleaning Compound, not regulated.

AIR (ICAO/IATA)

SHIPPING NAME: Cleaning Compound, not regulated.

VESSEL (IMO/IMDG)

SHIPPING NAME: Cleaning Compound, not regulated.

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: NA = Not Applicable

EPCRA SECTION 313 SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>Chemical Name</th>
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<tbody>
<tr>
<td>Diethylene Glycol Butyl Ether</td>
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<td>112-34-5</td>
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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: None
CARCINOGEN: No listed substance

16. OTHER INFORMATION

PREPARED BY: Regulatory Affairs Department  Date Prepared: 06/12/2015

<table>
<thead>
<tr>
<th>HMIS RATING</th>
<th>NFPA CODES</th>
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<tbody>
<tr>
<td>HEALTH 2</td>
<td>0</td>
</tr>
<tr>
<td>FLAMMABILITY 0</td>
<td>0</td>
</tr>
<tr>
<td>PHYSICAL HAZARD 0</td>
<td>0</td>
</tr>
<tr>
<td>PERSONAL PROTECTION C</td>
<td></td>
</tr>
</tbody>
</table>

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.