SAFETY DATA SHEET

Avalanche

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Avalanche
GENERAL USE: Hand cleaner
PRODUCT DESCRIPTION: Waterless Citrus Hand Cleaner
CHEMICAL FAMILY: Detergent blend

DISTRIBUTOR: Simplex Products
24 HR. EMERGENCY TELEPHONE NUMBERS

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

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.

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.

Storage:
  P404: Store in a closed container.
  P405: Store locked up.

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

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Light green
IMMEDIATE CONCERNS: None Expected.

POTENTIAL HEALTH EFFECTS

EYES: Contact causes eye irritation.
SKIN: None Expected.
SKIN ABSORPTION: None
INGESTION: Large doses may cause nausea.
INHALATION: NA = Not Applicable

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:** None

**WARNING CAUTION LABELS:** None

**PHYSICAL HAZARDS:** None

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

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<thead>
<tr>
<th>Chemical Name</th>
<th>Wt.%</th>
<th>CAS</th>
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<tbody>
<tr>
<td>Primary Alcohol Ethoxylate C11</td>
<td>2 - 10</td>
<td>34398-01-1</td>
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<tr>
<td>Fragrance</td>
<td>0 - 1</td>
<td>N/A</td>
</tr>
<tr>
<td>Dye</td>
<td>0 - 0.1</td>
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<tr>
<td>Water</td>
<td>90 - 95</td>
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</table>

### 4. FIRST AID MEASURES

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

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

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

**INHALATION:** NA = Not Applicable

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

- **EYES:** Slight discomfort with redness, watering eyes.
- **SKIN:** No known significant effects or critical hazards.
- **SKIN ABSORPTION:** No known significant effects or critical hazards.
- **INGESTION:** Nausea with large amounts.
- **INHALATION:** NA = Not Applicable

**CHRONIC EFFECTS:** None

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** NA = Not Applicable

**GENERAL HAZARD:** None

**EXTINGUISHING MEDIA:** Not required. Water based material.

**EXPLOSION HAZARDS:** 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:** No known significant effects or critical hazards.
- **LAND SPILL:** No known significant effects or critical hazards.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Close container after use.

**HANDLING:** No special requirements.

**STORAGE:** Store in area inaccessible to children.
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: No special requirements.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: No special requirements.
SKIN: No special requirements.
RESPIRATORY: None

PROTECTIVE CLOTHING: No special requirements.

WORK HYGIENIC PRACTICES: No special requirements.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOR: Citrus
ODOR THRESHOLD: Not Established
COLOR: Light green
pH: 6.0 to 7.0
PERCENT VOLATILE: >90
FLASH POINT AND METHOD: NA = Not Applicable
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
THERMAL DECOMPOSITION: Not Available
SOLUBILITY IN WATER: Complete
EVAPORATION RATE: (Water =1) 1.0
DENSITY: ~ 9.18 at (68°F)
SPECIFIC GRAVITY: 1.1 grams/ml. at (68°F)
VISCOSITY: Viscous
(VOC): None

10. STABILITY AND REACTIVITY

REACTIVITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur.
STABILITY: Stable under normal storage and use conditions.
CONDITIONS TO AVOID: None known.
HAZARDOUS DECOMPOSITION PRODUCTS: None Expected.
INCOMPATIBLE MATERIALS: None

11. TOXICOLOGICAL INFORMATION

ACUTE
<table>
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<tr>
<th>Chemical Name</th>
<th>ORAL LD&lt;sub&gt;50&lt;/sub&gt; (rat)</th>
<th>DERMAL LD&lt;sub&gt;50&lt;/sub&gt; (rabbit)</th>
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</thead>
<tbody>
<tr>
<td>Primary Alcohol Ethoxylate C11</td>
<td>&gt; 2000 mg/kg (rat)</td>
<td>&gt; 2000 mg/kg (rabbit)</td>
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</table>

**EYES:** Causes eye irritation.

**DERMAL LD<sub>50</sub>:** No known significant effects or critical hazards.

**ORAL LD<sub>50</sub>:** No known significant effects or critical hazards.

**INHALATION LC<sub>50</sub>:** NA = Not Applicable

**EYE EFFECTS:** Mild to moderate eye irritant.

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

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

**CARCINOGENICITY**

IRARC: No listed substance

**IRRITATION:** Mild irritant

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

**GENETIC EFFECTS:** 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 |
| CHEMICAL FATE INFORMATION: Not Established |

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Small amounts (less than 1 gallon) may be diluted with copious amounts of water and disposed of into sanitary sewer.

**FOR LARGE SPILLS:** Consult with local and state authorities for large volume disposal.

**PRODUCT DISPOSAL:** Diluted product can be flushed to sanitary sewer.

**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.

**PRIMARY HAZARD CLASS/DIVISION:** NA = Not Applicable

**LABEL:** None

### 15. REGULATORY INFORMATION

**UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

| 311/312 HAZARD CATEGORIES: None |
| FIRE: No PRESSURE GENERATING: No REACTIVITY: No ACUTE: Yes CHRONIC: No |
| 313 REPORTABLE INGREDIENTS: No listed substance |
CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)
CERCLA REGULATORY: No products were found.

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

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<th>HMIS RATING</th>
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<td>FLAMMABILITY</td>
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