SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture
Product Name: Bug-Off
Product Code: 927XX

Intended Use of the Product
Cleaner

Name, Address, and Telephone of the Responsible Party

Company
Star brite Inc.
4041 SW 47th Avenue
Fort Lauderdale, FL 33314
(954)587-6280
www.starbrite.com

Emergency Telephone Number

Emergency Number : US: (800) 424-9300; International: (703) 527-3887 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)
Eye Dam. 1 H318
Skin Sens. 1 H317
Full text of H-phrases: see section 16

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US) : GHS05, GHS07

Signal Word (GHS-US) : Danger

Hazard Statements (GHS-US) : H317 - May cause an allergic skin reaction.
                            H318 - Causes serious eye damage.

Precautionary Statements (GHS-US) : P261 - Avoid breathing vapors, mist, or spray.
                                   P272 - Contaminated work clothing must not be allowed out of the workplace.
                                   P280 - Wear protective gloves, protective clothing, and eye protection.
                                   P302+P352 - If on skin: Wash with plenty of water.
                                   P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
                                   P310 - Immediately call a poison center or doctor.
                                   P321 - Specific treatment (see section 4 on this SDS).
                                   P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
                                   P362+P364 - Take off contaminated clothing and wash it before reuse.
                                   P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Other Hazards

Aquatic Acute 3 H402
H402 - Harmful to aquatic life.
P273 - Avoid release to the environment.

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.
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### Unknown Acute Toxicity (GHS-US)
Not available

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Mixture</th>
<th>Name</th>
<th>Product Identifier</th>
<th>% (w/w)</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Tetrosodium EDTA</td>
<td>(CAS No) 64-02-8</td>
<td>1 - 5</td>
<td>Comb. Dust, H232&lt;br&gt;Acute Tox. 4 (Oral), H302&lt;br&gt;Acute Tox. 4 (Inhalation:dust,mist), H332&lt;br&gt;Eye Dam. 1, H318&lt;br&gt;Aquatic Acute 2, H401</td>
</tr>
<tr>
<td></td>
<td>Alcohols, C9-11, ethoxylated</td>
<td>(CAS No) 68439-46-3</td>
<td>1 - 5</td>
<td>Acute Tox. 4 (Oral), H302&lt;br&gt;Eye Dam. 1, H318&lt;br&gt;</td>
</tr>
<tr>
<td></td>
<td>Dipropylene glycol monomethyl ether</td>
<td>(CAS No) 34590-94-8</td>
<td>0.1 - 1</td>
<td>Flam. Liq. 4, H227&lt;br&gt;</td>
</tr>
<tr>
<td></td>
<td>Sodium xylene sulfonate</td>
<td>(CAS No) 1300-72-7</td>
<td>0.1 - 1</td>
<td>Eye Irrit. 2A, H319&lt;br&gt;</td>
</tr>
<tr>
<td></td>
<td>Nitrilotriacetic acid trisodium salt†</td>
<td>(CAS No) 5064-31-3</td>
<td>&lt; 0.1</td>
<td>Acute Tox. 4 (Oral), H302&lt;br&gt;Eye Irrit. 2A, H319&lt;br&gt;Carc. 2, H351</td>
</tr>
<tr>
<td></td>
<td>Sodium hydroxide</td>
<td>(CAS No) 1310-73-2</td>
<td>&lt; 0.1</td>
<td>Met. Corr. 1, H290&lt;br&gt;Skin Corr. 1A, H314&lt;br&gt;Eye Dam. 1, H318&lt;br&gt;Aquatic Acute 3, H402</td>
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<tr>
<td></td>
<td>Octylphenol ethoxylate</td>
<td>(CAS No) 9036-19-5</td>
<td>0.1 - 1</td>
<td>Acute Tox. 4 (Oral), H302&lt;br&gt;Eye Dam. 1, H318&lt;br&gt;Aquatic Acute 1, H400&lt;br&gt;Aquatic Chronic 3, H412</td>
</tr>
<tr>
<td></td>
<td>D-Limonene</td>
<td>(CAS No) 5989-27-5</td>
<td>0.1 - 1</td>
<td>Flam. Liq. 3, H226&lt;br&gt;Skin Irrit. 2, H315&lt;br&gt;Skin Sens. 1, H317&lt;br&gt;Asp. Tox. 1, H304&lt;br&gt;Aquatic Acute 1, H400&lt;br&gt;Aquatic Chronic 1, H410</td>
</tr>
</tbody>
</table>

Full text of H-phrases: see section 16

*More than one of the ranges of concentration prescribed by Controlled Products Regulations has been used where necessary, due to varying composition. The specific chemical identity and/or exact percentage of composition has been withheld as a trade secret within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200].

† The carcinogen classification is applicable to the overall product only if this ingredient is >= 5% of the mixture. The Carc. 2 classification does not apply for this product.

### SECTION 4: FIRST AID MEASURES

#### Description of First Aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water or soap and water for at least 15 minutes. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 60 minutes. Immediately call a POISON CENTER or doctor/physician.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER/doctor/physician if you feel unwell.

#### Most Important Symptoms and Effects Both Acute and Delayed

**General:** Causes serious eye damage. May cause an allergic skin reaction.

**Inhalation:** May cause irritation to the respiratory tract.

**Skin Contact:** May cause an allergic skin reaction. May cause skin irritation.

**Eye Contact:** Causes serious eye damage. Causes permanent damage to the cornea, iris, or conjunctiva. Can cause blindness.

**Ingestion:** Ingestion is likely to be harmful or have adverse effects.
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Chronic Symptoms: None known.

**Indication of Any Immediate Medical Attention and Special Treatment Needed**
If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

**SECTION 5: FIRE-FIGHTING MEASURES**

**Extinguishing Media**
Suitable Extinguishing Media: Dry powder, alcohol-resistant foam, water in large amounts, carbon dioxide (CO₂).
Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

**Special Hazards Arising From the Substance or Mixture**
Fire Hazard: Not considered flammable but may burn at high temperatures.
Explosion Hazard: Product is not explosive.
Reactivity: Hazardous reactions will not occur under normal conditions.

**Advice for Firefighters**
Precautionary Measures Fire: Exercise caution when fighting any chemical fire.
Firefighting Instructions: Use water spray or fog for cooling exposed containers. Do not breathe fumes from fires or vapors from decomposition. Do not allow run-off from firefighting to enter drains or water courses.
Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

**Reference to Other Sections**
Refer to section 9 for flammability properties.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures**
General Measures: Avoid all eyes and skin contact and do not breathe vapor, mist, and spray.
For Non-Emergency Personnel
Protective Equipment: Use appropriate personal protection equipment (PPE).
For Emergency Personnel
Protective Equipment: Equip cleanup crew with proper protection.

**Environmental Precautions**
Prevent entry to sewers and public waters.

**Methods and Material for Containment and Cleaning Up**
For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material, then place in suitable container. Do not take up in combustible material such as: saw dust or cellulosic material. If spilled directly onto the ground, remove sufficient soil to ensure material is fully recovered. Contact competent authorities after a spill.

**Reference to Other Sections**
See heading 8, Exposure Controls and Personal Protection. Concerning disposal elimination after cleaning, see item 13.

**SECTION 7: HANDLING AND STORAGE**

**Precautions for Safe Handling**
Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

**Conditions for Safe Storage, Including Any Incompatibilities**
Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Store locked up.
Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.
Specific End Use(s)
Cleaner.
### SECTION 8: EXPOSURE CONTROLS/PERSOAL PROTECTION

**Control Parameters**

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

<table>
<thead>
<tr>
<th>Substance</th>
<th>USA ACGIH ACGIH Ceiling (mg/m³)</th>
<th>USA OSHA OSHA PEL (TWA) (mg/m³)</th>
<th>USA NIOSH NIOSH REL (ceiling) (mg/m³)</th>
<th>USA IDLH US IDLH (mg/m³)</th>
<th>Alberta OEL Ceiling (mg/m³)</th>
<th>British Columbia OEL Ceiling (mg/m³)</th>
<th>Manitoba OEL Ceiling (mg/m³)</th>
<th>New Brunswick OEL Ceiling (mg/m³)</th>
<th>Newfoundland &amp; Labrador OEL Ceiling (mg/m³)</th>
<th>Nova Scotia OEL Ceiling (mg/m³)</th>
<th>Nunavut OEL Ceiling (mg/m³)</th>
<th>Northwest Territories OEL Ceiling (mg/m³)</th>
<th>Ontario OEL Ceiling (mg/m³)</th>
<th>Prince Edward Island OEL Ceiling (mg/m³)</th>
<th>Québec PLAFOND (mg/m³)</th>
<th>Saskatchewan OEL Ceiling (mg/m³)</th>
<th>Yukon OEL Ceiling (mg/m³)</th>
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<td>Sodium hydroxide (1310-73-2)</td>
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<td>Diphopropylene glycol monomethyl ether (34590-94-8)</td>
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Exposure Controls
Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas.


Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical safety goggles.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

Consumer Exposure Controls: Do not eat, drink or smoke during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

<p>| | | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
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<tr>
<td>Appearance</td>
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<td>Odor</td>
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<td>Odor Threshold</td>
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<td>Evaporation Rate</td>
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<td>Melting Point</td>
<td>0 °C (32 °F)</td>
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<td>Boiling Point</td>
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<td>Flash Point</td>
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<td>Auto-ignition Temperature</td>
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<tr>
<td>Decomposition Temperature</td>
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<td>Flammability (solid, gas)</td>
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<tr>
<td>Upper Flammable Limit</td>
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</tr>
</tbody>
</table>

| Nova Scotia      | OEL TWA (ppm) | 100 ppm |
| Nunavut          | OEL STEL (mg/m³) | 909 mg/m³ |
| Nunavut          | OEL STEL (ppm) | 150 ppm |
| Nunavut          | OEL TWA (mg/m³) | 606 mg/m³ |
| Nunavut          | OEL TWA (ppm) | 100 ppm |
| Northwest Territories | OEL STEL (mg/m³) | 909 mg/m³ |
| Northwest Territories | OEL STEL (ppm) | 150 ppm |
| Northwest Territories | OEL TWA (mg/m³) | 606 mg/m³ |
| Northwest Territories | OEL TWA (ppm) | 100 ppm |
| Ontario          | OEL STEL (ppm) | 150 ppm |
| Ontario          | OEL TWA (ppm) | 100 ppm |
| Prince Edward Island | OEL TWA (ppm) | 100 ppm |
| Prince Edward Island | OEL STEL (ppm) | 150 ppm |
| Québec           | VECD (mg/m³) | 909 mg/m³ |
| Québec           | VECD (ppm)   | 150 ppm |
| Québec           | VEMP (mg/m³) | 606 mg/m³ |
| Québec           | VEMP (ppm)   | 100 ppm |
| Saskatchewan     | OEL STEL (ppm) | 150 ppm |
| Saskatchewan     | OEL TWA (ppm) | 100 ppm |
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**SECTION 10: STABILITY AND REACTIVITY**

**Reactivity:** Hazardous reactions will not occur under normal conditions.

**Chemical Stability:** Stable under normal conditions.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Direct sunlight. Extremely high or low temperatures. Sources of ignition. Incompatible materials.


**SECTION 11: TOXICOLOGICAL INFORMATION**

**Information on Toxicological Effects - Product**

**Acute Toxicity:** Not classified

**LD50 and LC50 Data:** Not available

**Skin Corrosion/Irritation:** Not classified.

**pH:** 12

**Serious Eye Damage/Irritation:** Causes serious eye damage.

**pH:** 12

**Respiratory or Skin Sensitization:** May cause an allergic skin reaction.

**Germ Cell Mutagenicity:** Not classified

**Teratogenicity:** Not classified

**Carcinogenicity:** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** May cause irritation to the respiratory tract.

**Symptoms/Injuries After Skin Contact:** May cause an allergic skin reaction. May cause skin irritation.

**Symptoms/Injuries After Eye Contact:** Causes serious eye damage. Causes permanent damage to the cornea, iris, or conjunctiva. Can cause blindness.

**Symptoms/Injuries After Ingestion:** Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** None known.

**Information on Toxicological Effects - Ingredient(s)**

**Present in the product**

**Tetrasodium EDTA (64-02-8)**

| LD50 Oral Rat | 1780 mg/kg |
| ATE US (dust, mist) | 1.50 mg/l/4h |

**Nitrilotriacetic acid trisodium salt (5064-31-3)**

| LD50 Oral Rat | 1740 mg/kg |
| LD50 Dermal Rabbit | > 2000 mg/kg |
| LC50 Inhalation Rat | > 5 mg/l/4h |

**Dipropylene glycol monomethyl ether (34590-94-8)**

| LD50 Oral Rat | 5230 mg/kg |
## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity

**Ecology - General:** Harmful to aquatic life.

### Tetrasodium EDTA (64-02-8)

<table>
<thead>
<tr>
<th>Endpoint</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 Fish 1</td>
<td>486 (Exposure time: 96h - Species: Lepomis macrochirus)</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>625 mg/l (Exposure time: 24h - Species: Daphnia magna)</td>
</tr>
<tr>
<td>ErC50 (algae)</td>
<td>3 mg/l (Exposure time: 96h - Species: Green Algae)</td>
</tr>
</tbody>
</table>

### Sodium hydroxide (1310-73-2)

<table>
<thead>
<tr>
<th>Endpoint</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 Fish 1</td>
<td>45.4 mg/l (Exposure time: 96h - Species: Oncorhynchus mykiss [static])</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>40 mg/l</td>
</tr>
</tbody>
</table>

### Nitrilotriacetic acid trisodium salt (5064-31-3)

<table>
<thead>
<tr>
<th>Endpoint</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 Fish 1</td>
<td>93 - 170 mg/l (Exposure time: 96h - Species: Pimephales promelas [flow-through])</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>560 - 1000 mg/l (Exposure time: 48h - Species: Daphnia magna)</td>
</tr>
<tr>
<td>LC 50 Fish 2</td>
<td>175 - 225 mg/l (Exposure time: 96h - Species: Lepomis macrochirus [static])</td>
</tr>
</tbody>
</table>

### Dipropylene glycol monomethyl ether (34590-94-8)

<table>
<thead>
<tr>
<th>Endpoint</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 Fish 1</td>
<td>&gt; 10000 mg/l (Exposure time: 96h - Species: Pimephales promelas [static])</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>1919 mg/l (Exposure time: 48h - Species: Daphnia magna)</td>
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### D-Limonene (5989-27-5)

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<thead>
<tr>
<th>Endpoint</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 Fish 1</td>
<td>0.619 - 0.796 mg/l (Exposure time: 96h - Species: Pimephales promelas [flow-through])</td>
</tr>
<tr>
<td>LC 50 Fish 2</td>
<td>35 mg/l (Exposure time: 96h - Species: Oncorhynchus mykiss)</td>
</tr>
</tbody>
</table>

### Octylphenol ethoxylate (9036-19-5)

<table>
<thead>
<tr>
<th>Endpoint</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC50 Daphnia 1</td>
<td>8.6 mg/l (Exposure time: 48h - Species: Daphnia magna [static])</td>
</tr>
<tr>
<td>ErC50 (algae)</td>
<td>0.21 mg/l (Exposure time: 96h - Species: Selenastrum Green Algae)</td>
</tr>
</tbody>
</table>

### Sodium xylene sulfonate (1300-72-7)

<table>
<thead>
<tr>
<th>Endpoint</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC50 Daphnia 1</td>
<td>&gt; 1020 ml/l (Exposure time: 48h - Species: Daphnia magna [Flow-through])</td>
</tr>
</tbody>
</table>

### Persistence and Degradability

**Bug-Off**

**Persistence and Degradability** Not established.
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### Bioaccumulative Potential

<table>
<thead>
<tr>
<th>Compound</th>
<th>Bioaccumulative Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipropylene glycol monomethyl ether (34590-94-8)</td>
<td>Not established.</td>
</tr>
<tr>
<td>Tetrasodium EDTA (64-02-8)</td>
<td>Not regulated for transport.</td>
</tr>
<tr>
<td>Sodium hydroxide (1310-73-2)</td>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
</tr>
<tr>
<td>Nitritoltriacetic acid trisodium salt (5064-31-3)</td>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
</tr>
<tr>
<td>Dipropylene glycol monomethyl ether (34590-94-8)</td>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
</tr>
</tbody>
</table>

### Mobility in Soil

- Not available

### Other Adverse Effects

Other Information: Avoid release to the environment.

### SECTION 13: DISPOSAL CONSIDERATIONS

- **Sewage Disposal Recommendations:** Do not empty into drains; dispose of this material and its container in a safe way.
- **Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

### SECTION 14: TRANSPORT INFORMATION

- **In Accordance With ICAO/IATA/DOT/TDG/IMDG**
- **UN Number** Not regulated for transport.
- **UN Proper Shipping Name** Not regulated for transport.
- **Transport Hazard Class(es)** Not regulated for transport.
- **Additional Information** Not available
- **Marine Pollutant:** No
- **Transport by sea** Not regulated for transport.
- **Air transport** Not regulated for transport.

### SECTION 15: REGULATORY INFORMATION

#### US Federal Regulations

<table>
<thead>
<tr>
<th>Compound</th>
<th>EPA TSCA Regulatory Flag</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.</td>
</tr>
<tr>
<td>Bug-Off</td>
<td></td>
</tr>
<tr>
<td>SARA Section 311/312 Hazard Classes</td>
<td>Immediate (acute) health hazard Delayed (chronic) health hazard</td>
</tr>
<tr>
<td>Tetrasodium EDTA (64-02-8)</td>
<td></td>
</tr>
<tr>
<td>Sodium hydroxide (1310-73-2)</td>
<td></td>
</tr>
<tr>
<td>Nitritoltriacetic acid trisodium salt (5064-31-3)</td>
<td></td>
</tr>
<tr>
<td>Dipropylene glycol monomethyl ether (34590-94-8)</td>
<td></td>
</tr>
<tr>
<td>Alcohols, C9-11, ethoxylated (68439-46-3)</td>
<td></td>
</tr>
<tr>
<td>D-Limonene (5989-27-5)</td>
<td></td>
</tr>
<tr>
<td>Octylphenol ethoxylate (9036-19-5)</td>
<td></td>
</tr>
</tbody>
</table>
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### Sodium xylene sulfonate (1300-72-7)

- Listed on the United States TSCA (Toxic Substances Control Act) inventory

### US State Regulations

<table>
<thead>
<tr>
<th>Compound</th>
<th>State</th>
<th>Regulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium xylene sulfonate (1300-72-7)</td>
<td>U.S. - California</td>
<td>SCAQMD - Toxic Air Contaminants - Non-Cancer Acute</td>
</tr>
<tr>
<td></td>
<td>U.S. - California</td>
<td>Toxic Air Contaminant List (AB 1807, AB 2728)</td>
</tr>
<tr>
<td></td>
<td>U.S. - Connecticut</td>
<td>Hazardous Air Pollutants - HLVs (30 min)</td>
</tr>
<tr>
<td></td>
<td>U.S. - Connecticut</td>
<td>Hazardous Air Pollutants - HLVs (8 hr)</td>
</tr>
<tr>
<td></td>
<td>U.S. - Delaware</td>
<td>Pollutant Discharge Requirements - Reportable Quantities</td>
</tr>
<tr>
<td></td>
<td>U.S. - Idaho</td>
<td>Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations</td>
</tr>
<tr>
<td></td>
<td>U.S. - Idaho</td>
<td>Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)</td>
</tr>
<tr>
<td></td>
<td>U.S. - Idaho</td>
<td>Occupational Exposure Limits - TWAs</td>
</tr>
<tr>
<td></td>
<td>U.S. - Louisiana</td>
<td>Reportable Quantity List for Pollutants</td>
</tr>
<tr>
<td></td>
<td>U.S. - Massachusetts</td>
<td>Oil &amp; Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1</td>
</tr>
<tr>
<td></td>
<td>U.S. - Massachusetts</td>
<td>Oil &amp; Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 2</td>
</tr>
<tr>
<td></td>
<td>U.S. - Massachusetts</td>
<td>Oil &amp; Hazardous Material List - Reportable Quantity</td>
</tr>
<tr>
<td></td>
<td>U.S. - Massachusetts</td>
<td>Oil &amp; Hazardous Material List - Soil Reportable Concentration - Reporting Category 1</td>
</tr>
<tr>
<td></td>
<td>U.S. - Massachusetts</td>
<td>Oil &amp; Hazardous Material List - Soil Reportable Concentration - Reporting Category 2</td>
</tr>
<tr>
<td></td>
<td>RTK - U.S. - Massachusetts</td>
<td>Right To Know List</td>
</tr>
<tr>
<td></td>
<td>U.S. - Massachusetts</td>
<td>Toxics Use Reduction Act</td>
</tr>
<tr>
<td></td>
<td>U.S. - Michigan</td>
<td>Occupational Exposure Limits - Ceilings</td>
</tr>
<tr>
<td></td>
<td>U.S. - Michigan</td>
<td>Polluting Materials List</td>
</tr>
<tr>
<td></td>
<td>U.S. - Minnesota</td>
<td>Chemicals of High Concern</td>
</tr>
<tr>
<td></td>
<td>U.S. - Minnesota</td>
<td>Hazardous Substance List</td>
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<tr>
<td></td>
<td>U.S. - Minnesota</td>
<td>Permissible Exposure Limits - Ceilings</td>
</tr>
<tr>
<td></td>
<td>U.S. - New Jersey</td>
<td>Discharge Prevention - List of Hazardous Substances</td>
</tr>
<tr>
<td></td>
<td>RTK - U.S. - New Jersey</td>
<td>Right to Know Hazardous Substance List</td>
</tr>
<tr>
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<td>U.S. - New York</td>
<td>Occupational Exposure Limits - Ceilings</td>
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<td>U.S. - New York</td>
<td>Reporting of Releases Part 597 - List of Hazardous Substances</td>
</tr>
<tr>
<td></td>
<td>U.S. - North Dakota</td>
<td>Air Pollutants - Guideline Concentrations - 1-Hour</td>
</tr>
<tr>
<td></td>
<td>U.S. - Oregon</td>
<td>Permissible Exposure Limits - TWAs</td>
</tr>
<tr>
<td></td>
<td>RTK - U.S. - Pennsylvania</td>
<td>RTK (Right to Know) - Environmental Hazard List</td>
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<td>RTK - U.S. - Pennsylvania</td>
<td>RTK (Right to Know) List</td>
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<tr>
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<td>U.S. - Rhode Island</td>
<td>Air Toxics - Acceptable Ambient Levels - 1-Hour</td>
</tr>
<tr>
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<td>U.S. - Rhode Island</td>
<td>Air Toxics - Acceptable Ambient Levels - Annual</td>
</tr>
<tr>
<td></td>
<td>U.S. - South Carolina</td>
<td>Toxic Air Pollutants - Maximum Allowable Concentrations</td>
</tr>
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<td></td>
<td>U.S. - South Carolina</td>
<td>Toxic Air Pollutants - Pollutant Categories</td>
</tr>
<tr>
<td>U.S. - Tennessee</td>
<td>Occupational Exposure Limits - Ceilings</td>
<td></td>
</tr>
<tr>
<td>U.S. - Texas</td>
<td>Effects Screening Levels - Long Term</td>
<td></td>
</tr>
<tr>
<td>U.S. - Texas</td>
<td>Effects Screening Levels - Short Term</td>
<td></td>
</tr>
<tr>
<td>U.S. - Vermont</td>
<td>Permissible Exposure Limits - Ceilings</td>
<td></td>
</tr>
<tr>
<td>U.S. - Washington</td>
<td>Permissible Exposure Limits - Ceilings</td>
<td></td>
</tr>
<tr>
<td>U.S. - Wisconsin</td>
<td>Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 40 Feet</td>
<td></td>
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<tr>
<td>U.S. - Wisconsin</td>
<td>Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 40 Feet to Less Than 75 Feet</td>
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<tr>
<td>U.S. - Wisconsin</td>
<td>Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 75 Feet or Greater</td>
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<tr>
<td>U.S. - Wisconsin</td>
<td>Hazardous Air Contaminants - All Sources - Emissions From Stack Heights Less Than 25 Feet</td>
<td></td>
</tr>
</tbody>
</table>

---

### Nitrilotriacetic acid trisodium salt (5064-31-3)

- U.S. - Illinois - Toxic Air Contaminant Carcinogens
- U.S. - Illinois - Toxic Air Contaminants
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<table>
<thead>
<tr>
<th>Source</th>
<th>Hazard Category</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTK - U.S. - Massachusetts - Right To Know List</td>
<td></td>
<td></td>
</tr>
<tr>
<td>U.S. - Texas - Effects Screening Levels - Long Term</td>
<td></td>
<td></td>
</tr>
<tr>
<td>U.S. - Texas - Effects Screening Levels - Short Term</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Dipropylene glycol monomethyl ether (34590-94-8)**
- U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)
- U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)
- U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
- U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)
- U.S. - Idaho - Occupational Exposure Limits - TWAs
- RTK - U.S. - Massachusetts - Right To Know List
- U.S. - Michigan - Occupational Exposure Limits - Skin Designations
- U.S. - Michigan - Occupational Exposure Limits - STELs
- U.S. - Michigan - Occupational Exposure Limits - TWAs
- U.S. - Minnesota - Hazardous Substance List
- U.S. - Minnesota - Permissible Exposure Limits - Skin Designations
- U.S. - Minnesota - Permissible Exposure Limits - STELs
- U.S. - Minnesota - Permissible Exposure Limits - TWAs
- U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour
- U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual
- RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
- U.S. - New York - Occupational Exposure Limits - Skin Designations
- U.S. - New York - Occupational Exposure Limits - TWAs
- U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 1-Hour
- U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour
- U.S. - Oregon - Permissible Exposure Limits - Skin Designations
- U.S. - Oregon - Permissible Exposure Limits - TWAs
- RTK - U.S. - Pennsylvania - RTK (Right to Know) List
- U.S. - Tennessee - Occupational Exposure Limits - Skin Designations
- U.S. - Tennessee - Occupational Exposure Limits - STELs
- U.S. - Texas - Effects Screening Levels - Long Term
- U.S. - Texas - Effects Screening Levels - Short Term
- U.S. - Vermont - Permissible Exposure Limits - Skin Designations
- U.S. - Vermont - Permissible Exposure Limits - STELs
- U.S. - Vermont - Permissible Exposure Limits - TWAs
- U.S. - Washington - Permissible Exposure Limits - Skin Designations
- U.S. - Washington - Permissible Exposure Limits - STELs
- U.S. - Washington - Permissible Exposure Limits - TWAs

**Alcohols, C9-11, ethoxylated (68439-46-3)**
- U.S. - Texas - Effects Screening Levels - Long Term
- U.S. - Texas - Effects Screening Levels - Short Term

**D-Limonene (5989-27-5)**
- U.S. - Maine - Chemicals of High Concern
- U.S. - Minnesota - Chemicals of High Concern
- U.S. - Minnesota - Chemicals of High Concern - Persistent Bioaccumulative Toxins
- U.S. - Texas - Effects Screening Levels - Long Term
- U.S. - Texas - Effects Screening Levels - Short Term

**Octylphenol ethoxylate (9036-19-5)**
- U.S. - Texas - Effects Screening Levels - Long Term
- U.S. - Texas - Effects Screening Levels - Short Term

**Sodium xylene sulfonate (1300-72-7)**
- U.S. - Texas - Effects Screening Levels - Long Term
- U.S. - Texas - Effects Screening Levels - Short Term
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

### SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

| Revision Date | 08/06/2015 |
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Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

<table>
<thead>
<tr>
<th>GHS Full Text Phrases</th>
<th>SDS Full Text Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 3 (Dermal)</td>
<td>Acute toxicity (dermal) Category 3</td>
</tr>
<tr>
<td>Acute Tox. 3 (Inhalation: gas)</td>
<td>Acute toxicity (inhalation: gas) Category 3</td>
</tr>
<tr>
<td>Acute Tox. 3 (Oral)</td>
<td>Acute toxicity (oral) Category 3</td>
</tr>
<tr>
<td>Acute Tox. 4 (Inhalation: dust,mist)</td>
<td>Acute toxicity (inhalation: dust,mist) Category 4</td>
</tr>
<tr>
<td>Acute Tox. 4 (Oral)</td>
<td>Acute toxicity (oral) Category 4</td>
</tr>
<tr>
<td>Aquatic Acute 1</td>
<td>Hazardous to the aquatic environment - Acute Hazard Category 1</td>
</tr>
<tr>
<td>Aquatic Acute 2</td>
<td>Hazardous to the aquatic environment - Acute Hazard Category 2</td>
</tr>
<tr>
<td>Aquatic Acute 3</td>
<td>Hazardous to the aquatic environment - Acute Hazard Category 3</td>
</tr>
<tr>
<td>Aquatic Chronic 1</td>
<td>Hazardous to the aquatic environment - Chronic Hazard Category 1</td>
</tr>
<tr>
<td>Aquatic Chronic 3</td>
<td>Hazardous to the aquatic environment - Chronic Hazard Category 3</td>
</tr>
<tr>
<td>Asp. Tox. 1</td>
<td>Aspiration hazard Category 1</td>
</tr>
<tr>
<td>Carc. 2</td>
<td>Carcinogenicity Category 2</td>
</tr>
<tr>
<td>Comb. Dust</td>
<td>Combustible Dust</td>
</tr>
<tr>
<td>Eye Dam. 1</td>
<td>Serious eye damage/eye irritation Category 1</td>
</tr>
<tr>
<td>Eye Irrit. 2A</td>
<td>Serious eye damage/eye irritation Category 2A</td>
</tr>
<tr>
<td>Flam. Liq. 3</td>
<td>Flammable liquids Category 3</td>
</tr>
<tr>
<td>Flam. Liq. 4</td>
<td>Flammable liquids Category 4</td>
</tr>
<tr>
<td>Met. Corr. 1</td>
<td>Corrosive to metals Category 1</td>
</tr>
<tr>
<td>Skin Corr. 1A</td>
<td>Skin corrosion/irritation Category 1A</td>
</tr>
<tr>
<td>Skin Corr. 1B</td>
<td>Skin corrosion/irritation Category 1B</td>
</tr>
<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation Category 2</td>
</tr>
<tr>
<td>Skin Sens. 1</td>
<td>Skin sensitization Category 1</td>
</tr>
<tr>
<td>H226</td>
<td>Flammable liquid and vapor</td>
</tr>
<tr>
<td>H227</td>
<td>Combustible liquid</td>
</tr>
<tr>
<td>H232</td>
<td>May form combustible dust concentrations in air</td>
</tr>
<tr>
<td>H290</td>
<td>May be corrosive to metals</td>
</tr>
<tr>
<td>H301</td>
<td>Toxic if swallowed</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>H304</td>
<td>May be fatal if swallowed and enters airways</td>
</tr>
<tr>
<td>H311</td>
<td>Toxic in contact with skin</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>H331</td>
<td>Toxic if inhaled</td>
</tr>
<tr>
<td>H332</td>
<td>Harmful if inhaled</td>
</tr>
<tr>
<td>H351</td>
<td>Suspected of causing cancer</td>
</tr>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life</td>
</tr>
<tr>
<td>H401</td>
<td>Toxic to aquatic life</td>
</tr>
<tr>
<td>H402</td>
<td>Harmful to aquatic life</td>
</tr>
<tr>
<td>H410</td>
<td>Very toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>H412</td>
<td>Harmful to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>NFPA Health Hazard</th>
<th>3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.</th>
</tr>
</thead>
<tbody>
<tr>
<td>NFPA Fire Hazard</td>
<td>1 - Must be preheated before ignition can occur.</td>
</tr>
<tr>
<td>NFPA Reactivity</td>
<td>0 - Normally stable, even under fire exposure conditions, and are not reactive with water.</td>
</tr>
</tbody>
</table>

Party Responsible for the Preparation of This Document
Starbrite®
Phone Number: (954)587-6280

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

North America GHS US 2012 & WHMIS 2