SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: Bonide Turbo Spreader Sticker
Product code: 097

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture: Non-ionic Surfactant

1.3. Details of the supplier of the safety data sheet

Bonide Products, Inc.
6301 Sutliff Road
Oriskany, NY 13424
T (315) 736-8231
www.bonide.com

1.4. Emergency telephone number

Emergency number: CHEMTREC - 1 (800) 424-9300 and/or 1 (703) 527-3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)
Skin Sens. 2 H317
Eye Dam 2B H318
Acute Tox. 4 (oral) H302

2.2. Label elements

GHS-US labeling
Hazard pictograms (GHS-US):

Signal word (GHS-US): Warning

Hazard statements (GHS-US):
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H302 - Harmful if swallowed

Precautionary statements (GHS-US):
P264 - Wash hands thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P272 - Contaminated work clothing should not be allowed out of the workplace
P280 - Wear protective clothing, protective gloves, face protection, eye protection
P302+P352 - IF ON SKIN: Wash with plenty of soap and water
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
P362+P364 - Take off contaminated clothing and wash it before reuse
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P501 - Dispose of contents/container to in accordance with local/regional/national regulations

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available
SECTION 3: Composition/information on ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
</table>
| Alcohol ethoxylate/ Alkylphenol ethoxylate | (CAS No) 88002-97-1 | 80 | Skin corrosion/irritation Category 2  
Serious eye damage/eye irritation Category 2B  
Acute toxicity Category 4 |

SECTION 4: First aid measures

4.1. Description of first aid measures

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).

First-aid measures after inhalation: Assure fresh air breathing. Allow the person to rest.

First-aid measures after skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

First-aid measures after eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries: Not expected to present a significant hazard under anticipated conditions of normal use.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media


Unsuitable extinguishing media: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Unusual hazards: Combustion generates toxic fumes of the following: Hydrogen Chloride.

6.1.1. For non-emergency personnel

Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Provide good ventilation in process area to prevent formation of vapor.
7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in original container. Keep container closed when not in use.
Incompatible products: Strong bases. Strong acids.
Incompatible materials: Sources of ignition.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Personal protective equipment: Avoid all unnecessary exposure.
Hand protection: Wear protective gloves.
Eye protection: Chemical goggles or safety glasses.
Respiratory protection: Wear approved mask.
Other information: When using, do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid
Appearance: Brown Liquid.
Color: Brown.
Odor: Solvent odor.
Odor threshold: No data available
pH: 4 - 7
Relative evaporation rate (butyl acetate = 1): No data available
Melting point: -12 °C
Freezing point: No data available
Boiling point: 212 °F
Flash point: 82 °C
Self ignition temperature: No data available
Decomposition temperature: No data available
Flammability (solid, gas): No data available
Vapor pressure: No data available
Relative vapor density at 20 °C: No data available
Relative density: 1.06
Solubility: Dispersible.
Log Pow: No data available
Log Kow: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available
Explosive properties: No data available
Oxidizing properties: No data available
Explosive limits: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions.
10.3. **Possibility of hazardous reactions**  
Not established.

10.4. **Conditions to avoid**  
Extremely high or low temperatures.

10.5. **Incompatible materials**  
Strong acids. Strong bases.

10.6. **Hazardous decomposition products**  
Carbon monoxide. Carbon dioxide.

### SECTION 11: Toxicological information

11.1. **Information on toxicological effects**

<table>
<thead>
<tr>
<th>Effect</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Respiratory or skin sensitization</td>
<td>Not classified</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

**Alcohol ethoxylate (68002-97-1)**

<table>
<thead>
<tr>
<th>Effect</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>&gt; 5000 mg/kg (Rat; Literature)</td>
</tr>
<tr>
<td>pH</td>
<td>4 - 7</td>
</tr>
</tbody>
</table>

11.2. **Germ cell mutagenicity**  
Not classified.

11.3. **Carcinogenicity**  
Not classified.

11.4. **Reproductive toxicity**  
Not classified.

11.5. **Specific target organ toxicity (single exposure)**  
Not classified.

11.6. **Specific target organ toxicity (repeated exposure)**  
Not classified.

11.7. **Aspiration hazard**  
Not classified.

11.8. **Potential Adverse human health effects and symptoms**  
Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

12.1. **Toxicity**  
No additional information available.

12.2. **Persistence and degradability**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bonide Turbo Spreader Sticker</strong></td>
<td>Not established.</td>
</tr>
<tr>
<td><strong>Alcohol ethoxylate (68002-97-1)</strong></td>
<td>Biodegradability in water: no data available.</td>
</tr>
</tbody>
</table>

12.3. **Bioaccumulative potential**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bonide Turbo Spreader Sticker</strong></td>
<td>Not established.</td>
</tr>
<tr>
<td><strong>Alcohol ethoxylate (68002-97-1)</strong></td>
<td>No bioaccumulation data available.</td>
</tr>
</tbody>
</table>

12.4. **Mobility in soil**  
No additional information available.

12.5. **Other adverse effects**  
Avoid release to the environment.

### SECTION 13: Disposal considerations

13.1. **Waste treatment methods**  
Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with DOT
No dangerous good in sense of transport regulations

Additional information
Other information : No supplementary information available.

SECTION 15: Regulatory information

15.1. US Federal regulations
Bonide Turbo Spreader Sticker
Not listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations
No additional information available

15.3. US State regulations
No additional information available

SECTION 16: Other information
Other information : None.

Full text of H-phrases: see section 16:

| Acute Tox. 4 (Dermal)          | Acute toxicity (inhalation:dust,mist) Category 4 |
| Acute Tox. 4 (Oral)            | Acute toxicity (inhalation:dust,mist) Category 4 |
| Eye Dam. 2B                    | Serious eye damage/eye irritation Category 2B    |
| Skin Sens. 2                   | Skin sensitization Category 2                   |
| H317                           | May cause an allergic skin reaction             |
| H318                           | Causes serious eye damage                      |
| H302                           | Toxic if swallowed                              |

SDS US (GHS HazCom 2012) - Pesticides

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.