



Bonide Turbo Spreader Sticker

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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, LLC
6301 Sutliff Road
Oriskany, NY 13424

Telephone Number: (315) 736-8231

Comment: Bonide hours of operation are 8:00 a.m. to 4:30 p.m EST.

Website: www.bonide.com

Email address: sales@bonide.com

1.4. Emergency telephone numbers (24 hour)

Medical : SafetyCall - (833) 972-1101
Spills : 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)

Acute toxicity - oral 4 H302
Skin corrosion/irritation 2 H315
Eye damage/irritation 2B H320

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



GHS07

Signal word (GHS-US) :

Warning

Hazard statements (GHS-US) :

H302 - Harmful if swallowed
H317 - Causes skin irritation
H320 - Causes eye irritation

Precautionary statements (GHS-US) :

P264 - Wash hands thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P280 - Wear protective clothing, protective gloves, face protection, eye protection
P301+P317 - IF SWALLOWED: Get medical help.
P330 - Rinse mouth.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P332+P317 - If skin irritation occurs: Get medical help.
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.
P337+P317 - If eye irritation persists: Get medical help.
P321 - Specific treatment see on the label.
P330 - Rinse mouth.
P501 - Dispose of contents/container to in accordance with local/regional/national regulations

2.3. Other hazards

Combustible liquid - Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Bonide Turbo Spreader Sticker

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 3: Composition/information on ingredients

Mixture

Name	Product identifier (CAS number)	%
Alcohols, C10-16 ethoxylated; Polyethylene glycol nonylphenyl ether	68002-97-1 9016-45-9	80

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. If not breathing call 911 and give artificial respiration. Call poison control center or doctor for treatment advice.
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. Get medical attention if symptoms occur. Wash clothing before reuse.
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 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

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Can be dangerous when exposed to extreme heat and flame. Do not breathe mist/vapors/spray.

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

Isolate area. Keep unnecessary and unprotected personnel from entering the area. Refer to Section 7, Handling, for additional precautionary measures. Keep upwind of spill. Spilled material may cause a slipping hazard. Ventilate area of leak or spill. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

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.
-------------------------	--

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 and in a dry place. Keep container closed when not in use.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Sources of ignition.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

Bonide Turbo Spreader Sticker

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

8.2. Exposure controls

Personal protective equipment	: Avoid all unnecessary exposure. Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task. Safety shower should be located in immediate work area. Remove contaminated clothing immediately, wash skin area with soap and water, and launder clothing before reuse or dispose of properly.
Hand protection	: Use gloves chemically resistant to this material. Examples of preferred glove barrier materials include: Neoprene, Nitrile/butadiene rubber ("nitrile" or "NBR") or Polyvinyl chloride ("PVC" or "vinyl").
Eye protection	: Use chemical goggles.
Respiratory protection	: Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use an approved respirator. Selection of air-purifying or positive-pressure supplied-air will depend on the specific operation and the potential airborne concentration of the material.
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	: Golden to amber liquid
Color	: Golden to amber
Odor	: Slight alcohol
Odor threshold	: No data available
pH	: 4 - 7
Melting/freezing point	: < 32°F (< 0°C)
Boiling point	: 212°F (100°C)
Flash point	: > 140°F (60°C) to < 200°F (93.33°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	: 1.2 g/mL (8.50 lbs./gal)
Solubility	: Dispersible.
Log Pow	: No data available
Log Kow	: No data available
Viscosity	: 200-300cP
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable at typical use temperatures.

10.3. Possibility of hazardous reactions

Will not occur.

10.4. Conditions to avoid

Extreme temperatures and open flames.

10.5. Incompatible materials

Strong oxidizers

10.6. Hazardous decomposition products

Carbon monoxide and asphyxiants.

Bonide Turbo Spreader Sticker

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 11: Toxicological information

11.1. Toxicology data:

Components:	Test results:
Alcohol ethoxylate (68002-97-1) and Alkylphenol ethoxylate (9016-45-9)	Acute oral LD50 (rat): >1300mg/kg Acute dermal LD50 (rabbit): 2g/kg

Routes of exposure: Skin contact. Eye contact. Ingestion.

Acute effects: Skin irritation. Eye irritation. Harmful if swallowed.

Sensitization: No data available

Chronic effects: No data available

Carcinogenicity: No data available

Mutagenicity: Non-mutagenic for bacteria and/or yeast

Reproductive effects: No data available

Teratogenicity: No data available

Epidemiology: No data available

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/irritation: Causes eye irritation.

Specific target organ toxicity – single exposure: Not classified

Specific target organ toxicity – repeated exposure: Not classified

Other information: Not available

SECTION 12: Ecological information

12.1. Ecotoxicological data

Components:	Test results:
Alcohol ethoxylate and Akyphenol ethoxylate	LC50 Algae >1 mg/l (Exposure time: 72 h) EC50 Daphnia >1 mg/l (Exposure time: 48 h) LC50 Fish >1 mg/l (Exposure time: 96 h)

12.2. Persistence and degradability

Not established

12.3. Bioaccumulative potential

Not established

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information : Avoid release to the environment, such as open bodies of water.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

Not regulated for transport by DOT.

SECTION 15: Regulatory information

15.1. US Federal regulations

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312:

Immediate (Acute) Health Hazard: Yes

Delayed (Chronic) Health Hazard: No

Fire Hazard: No

Reactive Hazard: No

Sudden Release of Pressure Hazard: No

SECTION 16: Other information

Other information : None.

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.