Bonide BurnOut Formula II Fast Acting weed & grass killer Concentrate

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 BurnOut Formula II Fast Acting weed & grass killer Concentrate

Product code : 67702544

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

Use of the substance/mixture : Herbicide

1.3. Details of the supplier of the safety data sheet

Bonide Products, Inc.
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)

Skin corrosion/irritation 3	H316
Sensitization, skin 1	H317
Serious eye damage/eye irritation 2A	H319
Acute toxicity, inhalation 5	H333

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :

GHS07

Signal word (GHS-US) : Warning

Hazard statements (GHS-US) :
H316 - Causes mild skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H333 - May be harmful if inhaled

Precautionary statements (GHS-US) :
P261 - Do not breathe mist or spray.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Use personal protective equipment as required.
P302 + P352 - If on skin: Wash with plenty of soap and water.
P333 + P311 - If skin irritation or rash occurs: Call a Poison Center or doctor/physician.
P304 + P317 - If inhaled: Get medical help.
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.
P362 + P364 - Take off contaminated clothing and wash it before reuse.
P403 + P410 + P412 - Store in a dry place above 6ºC (43ºF) and below 35ºC (95ºF) and out of direct sunlight.
P501 - Dispose of contents/container in accordance with local/regional regulations

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

Mixture

Name	Product identifier	%
Caprylic Acid	(CAS No) 124-07-2	44.00
Capric Acid	(CAS No) 334-48-5	36.00

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air. Get medical advice if symptoms develop.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water. Get medical advice if irritation occurs and persists.

First-aid measures after eye contact : Rinse cautiously with water for 15-20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing eye. Get medical advice if irritation occurs and persists.

First-aid measures after ingestion : Do not induce vomiting. Call a poison control center or doctor immediately for treatment advice.

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

Causes serious eye irritation. Causes skin irritation. Ingestion may cause nausea and vomiting.

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

Immediate medical attention should not be required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use material appropriate for surrounding fire.

Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

Product is not classified as flammable. If involved in a fire, product may release oxides of carbon.

5.3. Advice for firefighters

No special measures required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate unnecessary and unprotected personnel. Wear appropriate personal protective equipment. Do not touch or walk through spilled material.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Stop leak if possible. Absorb or cover with dry earth, sand, vermiculite or other inert absorbent material. Place contaminated material in appropriate container for disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Wear appropriate protective equipment. Avoid contact with eyes, skin or clothing. Avoid release to the aquatic environment.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a dry place above 6ºC (43ºF) and below 35ºC (95ºF) and out of direct sunlight in a well-ventilated place away from excessive heat. Keep container closed when not in use. Keep away from incompatible materials.

Incompatible materials : Strong bases.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Component	Exposure Limit
Caprylic Acid	None Established
Capric Acid	None Established

8.2. Exposure controls

Engineering Controls : Use general ventilation as needed.

Hand protection	:	Wear appropriate chemical gloves to avoid skin contact.
Eye protection	:	Wear goggles when splashing is possible.
Respiratory protection	:	Respiratory protection should not be required in normal use of the product.
Other information	:	When using, do not eat, drink or smoke. Wear long-sleeved shirt and long pants,

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Clear to yellow liquid
Odor	:	Odor of soap
Odor threshold	:	No data available
pH	:	Not applicable
Relative evaporation rate (butyl acetate=1)	:	No data available
Melting/Freezing point	:	No data available
Iniitial Boiling Point and Boiling Range	:	Not determined
Flash point	:	Product is not flammable
Upper/Lower Flammability Limits	:	Not applicable
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	Not applicable
Vapor pressure	:	Not applicable
Relative vapor density at 20 °C	:	0.94 $\pm$ 0.1 g/mL
Solubility	:	Soluble in water
Partition Coefficient: n-octanol/water	:	Not determined
Viscosity	:	Not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

Not normally reactive under conditions of normal use.

10.2. Chemical stability

Stable under normal temperatures and pressures.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Exposure to excessive heat.

10.5. Incompatible materials

Avoid contact with bases.

10.6. Hazardous decomposition products

Thermal decomposition may release oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Routes of Entry
Skin: May cause skin irritation. Product is irritating in animal studies.
Eyes: May cause moderate to severe irratation (reversable). Product is severely irritating but not corrosive in animal studies.
Ingestion: May cause slight irritation with nausea and vomiting.
Inhalation: Can be expected to cause irritation if fine droplets are inhaled.

Numeric Measures of Toxicity:
Acute toxicity : LD50 (oral) (rat) > 5000 mg/kg; LD50 (dermal) >5000 mg/kg

11.2 Carcinogenic Categories

None of the ingredients of this product are listed as carcinogens by IARC, NTP, or OSHA.

SECTION 12: Ecological information

12.1. Toxicity

Product is a registered pesticide. May be harmful to the aquatic life with long-lasting effects. Avoid unintentional release to the environment.

12.2. Persistence and Degradability

No further relevant information available.

12.3. Mobility in Soil

No further relevant information available.

12.4. Other Adverse Effects

No studies have been found.

SECTION 13: Disposal considerations

13.1. Waste Treatment Methods

Product Waste : If partially filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Packaging Waste : Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

SECTION 14: Transport information

Not regulated for transport by DOT.

SECTION 15: Regulatory information

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear eye protection (goggles, face shield or safety glasses.) Wash thoroughly with soap and water after handling, and before eating, chewing gum, using tobacco or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

ENVIRONMENTAL HAZARDS
For terrestrial uses: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing equipment washwaters or rinsate.

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.