



# Bonide BurnOut Fast Acting Weed and Grass Killer Ready to Use

## 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 : BurnOut Fast Acting Weed and Grass Killer Ready to Use  
Product code : 7479, 7495, 74911 - 25B

#### 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  
T (315) 736-8231  
[www.bonide.com](http://www.bonide.com)

#### 1.4. Emergency telephone number

Emergency number : CHEMTREC - 1 (800) 262-8200

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS-US)

Skin Irrit. 2 H315  
Eye Dam. 1 H318

#### 2.2. Label elements

##### GHS-US labeling

Hazard pictograms (GHS-US) :



GHS05

GHS07

Signal word (GHS-US) : Warning

Hazard statements (GHS-US) : H315 - Causes skin irritation  
H318 - Causes serious eye damage

Precautionary statements (GHS-US) : P302+P352 - IF ON SKIN: Wash with plenty of soap and 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/physician  
P332+P313 - If skin irritation occurs: Get medical advice/attention  
P362 - Take off contaminated clothing and wash before reuse

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS-US)

No data available

### SECTION 3: Composition/information on ingredients

#### Mixture

| Name        | Product identifier | %   | Classification (GHS-US)                                  |
|-------------|--------------------|-----|--|
| Citric acid | (CAS No) 77-92-9   | 8   | Skin Corr. 1A, H314                                      |
| Clove Oil   | (CAS No) 8000-34-8 | 2.6 | Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312 |

# BurnOut Fast Acting Weed and Grass Killer Ready to Use

## Safety Data Sheet

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

### 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 : Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: call doctor/physician. Get medical advice/attention. Specific treatment (see section 4 on this label).
- 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 after skin contact : Causes skin irritation.

#### 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

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. Avoid (reject) fire-fighting water to enter environment.
- 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

##### 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. Notify authorities if liquid enters sewers or 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.
- Hygiene measures : Wash hands thoroughly after handling.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep only in the original container in a cool, well ventilated place away from : children. 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

# BurnOut Fast Acting Weed and Grass Killer Ready to Use

## Safety Data Sheet

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

### 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.     |
| Skin and body protection      | : Wear suitable protective clothing.      |
| 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                 |
| Color                                       | : White to light yellow. |
| Odor  | : Characteristic.        |
| Odor threshold                              | : No data available      |
| pH  | : 2.05                   |
| Relative evaporation rate (butyl acetate=1) | : No data available      |
| Melting point                               | : 4.4 °C                 |
| Freezing point                              | : No data available      |
| Boiling point                               | : No data available      |
| Flash point                                 | : No data available      |
| 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                            | : No data available      |
| Solubility                                  | : No data available      |
| 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.

# BurnOut Fast Acting Weed and Grass Killer Ready to Use

## Safety Data Sheet

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

### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| Clove Oil (8000-34-8) |                     |
|-----------------------|---------------------|
| LD50 oral rat         | 1370 mg/kg (Rat)    |
| LD50 dermal rabbit    | 1200 mg/kg (Rabbit) |

| Citric acid (77-92-9) |                       |
|-----------------------|-----------------------|
| LD50 oral rat         | > 2000 mg/kg (Rat)    |
| LD50 dermal rabbit    | > 2000 mg/kg (Rabbit) |

Skin corrosion/irritation : Causes skin irritation.  
pH: 2.05

Serious eye damage/irritation : Causes serious eye damage.  
pH: 2.05

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

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

Symptoms/injuries after skin contact : Causes skin irritation.

## SECTION 12: Ecological information

### 12.1. Toxicity

No additional information available

### 12.2. Persistence and degradability

| Bonide BurnOut Fast Acting Weed and Grass Killer Ready to Use |                  |
|---|------------------|
| Persistence and degradability                                 | Not established. |

| Clove Oil (8000-34-8)         |   |
|-------------------------------|---|
| Persistence and degradability | Biodegradability in water: no data available. |

| Citric acid (77-92-9)         |  |
|-------------------------------|--|
| Persistence and degradability | No (test)data on mobility of the components available. |

### 12.3. Bioaccumulative potential

| Bonide BurnOut Fast Acting Weed and Grass Killer Ready to Use |                  |
|---|------------------|
| Bioaccumulative potential                                     | Not established. |

| Clove Oil (8000-34-8)     |                                    |
|---------------------------|------------------------------------|
| Bioaccumulative potential | No bioaccumulation data available. |

| Citric acid (77-92-9)     |                      |
|---------------------------|----------------------|
| Bioaccumulative potential | Not bioaccumulative. |

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Other information : Avoid release to the environment.

# BurnOut Fast Acting Weed and Grass Killer Ready to Use

## Safety Data Sheet

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

### 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

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

#### Additional information

Other information : No supplementary information available.

### 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:

**CAUTION:** Causes eye irritation. Wear safety glasses and gloves when applying. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. In case of contact, immediately flush eyes with plenty of water. Get medical attention if irritation persists. Wash thoroughly with soap and water after handling.

#### 15.1. US Federal regulations

No additional information available

#### 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 (dermal) Category 4           |
| Acute Tox. 4 (Oral)   | Acute toxicity (oral) Category 4             |
| Eye Dam. 1            | Serious eye damage/eye irritation Category 1 |
| Skin Corr. 1A         | Skin corrosion/irritation Category 1A        |
| Skin Irrit. 2         | Skin corrosion/irritation Category 2         |
| H302                  | Harmful if swallowed                         |
| H312                  | Harmful in contact with skin                 |
| H314                  | Causes severe skin burns and eye damage      |
| H315                  | Causes skin irritation                       |
| H318                  | Causes serious eye damage                    |

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.*