



Bonide Maize Weed Preventer Ready to Spray

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 Maize Weed Preventer Ready to Spray
Product code : 067-25B

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

Use of the substance/mixture : Pre emergent 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)

Not classified

2.2. Label elements

GHS-US labeling

No labeling applicable

General Precautions: Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
Use normal hygiene practices when opening the container and using the product. Wash hands thoroughly after handling.

SECTION 3: Composition/information on ingredients

Mixture

Name	Product identifier	%
Hydrolyzed corn gluten meal	(CAS No) 66071-96-3	99.81
Potassium sorbate	(CAS No) 24634-61-5	0.18

Other ingredients determined not to be hazardous.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove to fresh air.
First-aid measures after skin contact : 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 : Generally the ingredients present no significant health hazard.

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.
Symptoms/injuries after skin contact : May aggravate existing skin irritation or lesions, cuts or scrapes. Asthma or pulmonary disease may be aggravated.

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

Note to physician: Treat symptomatically.

SECTION 5: Firefighting measures

Non-flammable

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5.1. Extinguishing media

Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known

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. Containers may burst due to pressure increase.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

For good hygiene practices, wear protective equipment to prevent skin contamination. In the case of spillage, contain and absorb spilled material with absorbent material such as sand, clay or cat litter and dispose of waste as indicated below.

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.
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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Not classified as a Dangerous Good. This product is not a scheduled poison. Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in a direct sunlight.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Hand protection	: Wear protective gloves.
Eye protection	: Use chemical goggles or safety glasses, when needed but not required. Avoid splashing.
Respiratory protection	: Not required.
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	: Creamy yellow liquid
Color	: Creamy yellow
Odor	: Slightly sweet
Odor threshold	: No data available
pH	: 3.9 to 4.1
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
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)	: Not flammable
Vapor pressure	: No data available
Specific gravity	: 1.049 to 1.1 at 20°C
Solubility	: Not soluble - forms an emulsion
Viscosity	: No data available

9.2. Other information

Not a scheduled poison. Not corrosive.

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SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable

10.3. Possibility of hazardous reactions

Will not occur

10.4. Conditions to avoid

Avoid exposure to heat.

10.5. Incompatible materials

Oxidizing agents.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute effects

Swallowed: Low toxicity, Acute oral LD50 > 2,000 mg/kg.

Eye: Not irritating

Skin: Low toxicity. Not irritating

Inhaled: Low toxicity.

Long Term Exposure: : No long term adverse effects are known, or expected

SECTION 12: Ecological information

12.1. Toxicity

Not toxic to bees.

12.2. Persistence and degradability

Readily degradable

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No known significant effects or critical hazards

SECTION 13: Disposal considerations

13.1. Disposal methods

The generation of waste should be avoided or minimized wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

Not regulated for transport by DOT.

SECTION 15: Regulatory information

This chemical is a pesticide product regulated 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: May cause sensitization. This product should not be applied if a member of the household has a sensitivity or allergy to corn. May irritate eyes and skin. Avoid contact with skin, eyes and clothing. May cause respiratory irritation. Avoid breathing spray mist. For good hygiene practice, wear a long-sleeved shirt, long pants, closed footwear and gloves when handling the product. Safe for children and pets to use yard when spray has dried.

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.*