

Material Safety Data Sheet

Product Name: Gordon's Weed Preventer Granules

MSDS No.: 669-5

Version No.: 001

EPA Registration No.: 2217-480

1. Basic Information:

Manufacturer: PBI/Gordon Corporation
Address: 1217 West 12th Street
City, State Zip: Kansas City, MO 64101-1407
Information Contact: Environmental, Health, & Safety Dept.
Information Telephone Number: (816)421-4070
Emergency Contact: Chemtrec
Emergency Telephone Number: (800)424-9300



1	Health
1	Flammability
0	Reactivity
	Pers. Protection

Last Update: 12/2/2002

Chemical State: Liquid Gas Solid
Chemical Type: Pure Mixture

2. Ingredients:

Trade Secret (ND = Not Disclosed)

CAS No.	Chemical Name	% Range	EHS		IARC		SARA 313		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z						
1582098	Trifluralin	1.47%	N	N	N	N	Y	NI	NI	NI	

3. Hazardous Identification:

Hazard Category:

Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

Yellow to brown granular solid that may cause slight to moderate irritation to the eyes.

4. First Aid Measures:

Route(s) of Entry:

Eye, skin, inhalation.

Health Hazards (Acute and Chronic):

Inhalation: This formulation is not considered to be an inalation hazard due to the coarse granular nature.

Eye Irritation: May cause slight to moderate irritation

Skin Irritation: Non-irritating to the skin of rabbits.

Ingestion: Moderately toxic.

Signs and Symptoms:

NI

Medical Conditions Generally Aggravated by Exposure:

NO

Emergency First Aid Procedure:

If swallowed:

- Call a poison control center or doctor immediately for treatment advice.
- Do not induce vomiting unless told to by a poison control center or doctor.
- Do not give any liquid to the person.
- Do not give anything by mouth to an unconscious person.

If in eyes:

- Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call a poison control center or doctor for treatment advice.

First Aid Measures (Continued)

If on skin:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 - 20 minutes.
- Call a poison control center or doctor for treatment advice.

If inhaled:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for treatment advice.

Other Health Warnings:

NI

5. Fire Fighting Measures:

Flash Point: NI F.P. Method: NI

Lower Explosive Limit: NI

Upper Explosive Limit: NI

Fire Extinguishing Media:

Dry chemical, carbon dioxide, foam or water spray

Special Fire Fighting Procedures:

Prevent human exposure to fire, smoke, fumes or products of combustion. Wear protective clothing and self contained breathing apparatus.

Unusual Fire and Explosion:

Thermal decomposition may release toxic and/or hazardous gases.

6. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

Sweep up spilled material and store in closed container for use or proper disposal.

7. Handling and Storage:

Precautions to be Taken:

Store in a clean, dry, well ventilated area. Do not store near feed, food or within the reach of children. Do not store near heat or open flame.

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Handling and Storage (Continued)

Other Precautions:

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8. Exposure Controls/Personal Protection:

Ventilation Requirements:

Provide local exhaust ventilation and/or general dilution ventilation to meet published exposure limits.

Personal Protective Equipment:

Pesticide Applicators and Workers: These workers must refer to the Product Label and Directions for Use attached to the product for Agricultural Use Requirements in accordance with the EPA Worker Protection Standard. 40 CFR part 170.

Respiratory Protection: If needed, use a respirator approved for organic solvents.

Eye Protection: Wear protective eyewear to prevent contact with this substance.

Protective Clothing: Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks.

9. Physical and Chemical Properties:

Boiling Point: NI

Melting Point: NI

Evaporation Rate (Butyl Acetate = 1) : NI

Vapor Pressure (mm Hg.): NI

Vapor Density (Air = 1): NI

Specific Gravity (H₂O = 1): 0.49000

Solubility in Water: Not dispersible. <1ppm in water

Appearance and Odor: yellow to yellow-brown granular solid

Other Information:

pH 7.1 (in water at 25°C)

10. Stability and Reactivity:

Stability:

This material is stable under normal conditions

Incompatibility (Materials to Avoid):

None determined

Decomposition/By-Products:

Thermal decomposition may release toxic and/or hazardous gases.

Hazardous Polymerization:

Will not occur.

11. Toxicological Information:

Inhalation: This formulation is not considered to be an inhalation hazard due to the coarse granular nature.

Eye Irritation: Considered to be moderately irritating to the eyes of rabbits.

Skin Irritation: Primary Irritation Index= 0.00. Considered to be a non-irritant to the skin of a rabbit.

Skin Absorption: Acute dermal LD50 >2,000 mg/kg

Ingestion: Acute oral LD50 >5,000 mg/kg.

12. Ecological Information:

Ecological Information (Continued)

NI

13. Disposal Considerations:

If empty: Do not reuse this container. Place in trash or offer for recycling if available.

If partially filled: Call your local solid waste agency or toll free number (1-800-CLEANUP) for disposal instructions. Never place unused product down any indoor or outdoor drain.

14. Transport Information:

The following guidelines apply for domestic ground transport. If shipping by air or ocean, please contact our Transportation Dept.

Freight Class: Herbicides, NOI - NMFC #50320

In our current available sizes, this product does not qualify as a Hazardous Material.

15. Regulatory Information:

OSHA STATUS: This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA STATUS: All the ingredients in this mixture are on the TSCA Chemical Substances Inventory or are exempt.

CERCLA REPORTABLE QUANTITY: None

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: None

SECTION 311/312 HAZARD CATEGORIES: Immediate Health Hazard

SECTION 313 TOXIC CHEMICALS: Trifluralin CAS# 1582-09-8

RCRA STATUS: If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

16. Other Information:

REASON FOR ISSUE: New MSDS in the ANSI Z400.1-1998 format

NOTE: NI means not indicated.

The information and statements in this Material Safety Data Sheet are believed to accurately reflect the scientific evidence used in making the hazard determination, but is not to be construed as a warranty or representation for which we assume legal responsibility. Additional information may be necessary or desirable depending on particular, exceptional or variable conditions or circumstances of use or storage or because of locally applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information available to you and must make independent determinations of the suitability of the information for your particular circumstances or conditions and of the completeness of the information available from all sources to assure both the proper use of the material described herein and the safety and health of employees.