

Material Safety Data Sheet

Product Name: Gordon's TRIMEC Weeder Granules

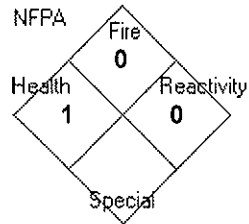
MSDS No.: 650-6

Version No.: 010

EPA Registration No.: 2217-640

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
0	Flammability
0	Reactivity
E	Pers. Protection

Last Update: 5/24/2002

Chemical State: Liquid Gas Solid
Chemical Type: Pure Mixture

Jonathan Green Lawn Weed Control
Jonathan Green & Sons, Inc.
 P.O. Box 326
 Farmingdale, NJ 07727
 (732) 938-7007

2. Ingredients:

Trade Secret (ND = Not Disclosed)

CAS No.	Chemical Name	% Range	EHS		IARC		SARA	OSHA	ACGIH	Other Limits
			NTP		SUB Z	313	PEL	TLV		
94757	2,4-Dichlorophenoxyacetic acid (2,4-D)	1.37%	N	N	Y	Y	Y	10 mg/m3	10 mg/m3	10 mg/m3
1918009	3,6-Dichloro-o-anisic acid (Dicamba)	0.13%	N	N	N	N	Y	NI	NI	NI
16484778	R(+)-2(2-Methyl-4-chlorophenoxy) propionic acid (MCP)	0.31%	N	N	Y	N	N	NI	NI	NI

3. Hazardous Identification:

Hazard Category:

Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

Granules; slight phenoxy odor.

Irritant.

The International Agency for Research on Cancer (IARC) lists chlorophenoxy herbicides in its Group 2B (limited evidence for carcinogenicity in humans.) The US EPA has given the chlorophenoxy herbicides 2,4-D, 2,4-DP, MCP, and MCPA a Class D classification (not classifiable as to human carcinogenicity.) More current 2,4-D lifetime feeding studies in rats and mice did not show carcinogenic effects and a recent World Health Organization (WHO) review of 2,4-D toxicology has concluded that 2,4-D is not a carcinogen.

4. First Aid Measures:

Route(s) of Entry:

Contact, Inhalation, Ingestion.

Health Hazards (Acute and Chronic):

EYES: Contact may cause irritation.

SKIN: Contact may irritate skin.

INHALATION: May irritate respiratory tract.

INGESTION: May irritate gastrointestinal tract.

Signs and Symptoms:

NI

Medical Conditions Generally Aggravated by Exposure:

NI

First Aid Measures (Continued)

Emergency First Aid Procedure:

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 eye.

-Call a poison control center or doctor for treatment advice.

If on skin or clothing:

-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 swallowed:

-Call a poison control center or doctor immediately for treatment advice.

-Have person sip a glass of water if able to swallow.

-Do not induce vomiting unless told to do so by a poison control center or doctor.

-Do not give anything by mouth to an unconscious person.

Other Health Warnings:

NI

5. Fire Fighting Measures:

Flash Point: NI

F.P. Method:

Lower Explosive Limit: NI

Upper Explosive Limit: NI

Fire Extinguishing Media:

Foam, CO2, dry chemical, water.

Special Fire Fighting Procedures:

Runoff from fire control area may cause pollution. If surface water is contaminated, contact local authorities.

Unusual Fire and Explosion:

NI

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6. Accidental Release Measures:

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

See Section 8 for Personal Protective Equipment. Collect spilled material for reuse if possible. If other than original container is used, label new container for this product. Collect unusable material into DOT drum for disposal.

7. Handling and Storage:

Precautions to be Taken:

Do not contaminate water, food, or feed by storage or disposal. Store in original container and keep any bags containing unused product in a locked storage area inaccessible to children and domestic animals.

Other Precautions:

NI

8. Exposure Controls/Personal Protection:

Ventilation Requirements:

Good general ventilation is required.

Personal Protective Equipment:

CAUTION: Harmful if swallowed. Do not inhale dust. Do not allow contact with skin, eyes or clothing. When using this product, wear long-sleeved shirt, long pants, socks and shoes.

After using this product, remove clothing and launder separately before reuse, and promptly and thoroughly wash hand and exposed skin with soap and water.

PROTECTIVE CLOTHING: Wear long sleeve shirt, long pants, shoes with socks, and gloves.

EYE PROTECTION: Safety glasses with side shields or safety goggles.

RESPIRATORY PROTECTION: If exposure limits may be exceeded, wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P or HE filter.

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): 0.00000

Solubility in Water: Insoluble.

Appearance and Odor: Granules; slight phenoxy odor.

Other Information:

NI

10. Stability and Reactivity:

Stability:

Stable.

Incompatibility (Materials to Avoid):

None known.

Decomposition/By-Products:

If burned, nitrogen oxides, sulfurous oxides and hydrogen chloride gas may be formed.

Hazardous Polymerization:

Will not occur.

11. Toxicological Information:

This product is considered to be a moderate ocular (eye) irritant.

12. Ecological Information:

Drift or runoff may adversely affect nontarget plants. 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 disposing of equipment washwaters.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D and MCPP have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D and MCPP pesticides at such sites to prevent contamination of ground water supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination. When cleaning equipment, do not pour the washwater on the ground; spray or drain over a large area away from wells and other water sources.

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: This product is exempt from TSCA Regulation under FIFRA Section 3(2)(B)(ii) when used as a pesticide.

CERCLA REPORTABLE QUANTITY: 7352 pounds of the formulation which contains 100 pounds of 2,4-D

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: None

SECTION 311/312 HAZARD CATEGORIES: Immediate Health

Hazard, Delayed Health Hazard

SECTION 313 TOXIC CHEMICALS: 2,4-D CAS# 94-75-7, Dicamba CAS# 1918-00-9

RCRA STATUS: When discarded in its purchased form, this product is a listed RCRA hazardous waste and should be managed as a hazardous waste. (40 CFR Part 261.20-24)

16. Other Information:

REASON FOR ISSUE: To change from racemic MCPP to the plus optical isomer.

NOTE: NI means not indicated.

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Other Information (Continued)

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.