

Material Safety Data Sheet

Product Name: Gordon's BUG-NO-MORE Lawn Insect Granules

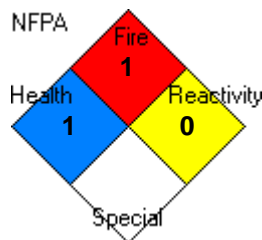
MSDS No.: 604-5

Version No.: 002

EPA Registration No.: 53883-39-2217

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
B	Pers. Protection

Last Update: 3/29/2010

Chemical State: Liquid Gas Solid
Chemical Type: Pure Mixture

2. Ingredients:

Trade Secret (ND = Not Disclosed)

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SUB Z	SARA 313	OSHA PEL	ACGIH TLV	Other Limits
52645531	Permethrin (3-Phenoxyphenyl)methyl(+)-cis/trans-3-(2,2-dichloroethenyl) 2,2-dimethylcyclopropanecarboxylate	0.25%	N	N	N	N	Y	NI	NI	NI

3. Hazardous Identification:

Hazard Category:
 Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

4. First Aid Measures:

Route(s) of Entry:
 Contact.

Health Hazards (Acute and Chronic):
 EYES: Contact may irritate eyes.

 SKIN: Contact may irritate skin.

 INHALATION: Overexposure may irritate the respiratory tract.

 INGESTION: Overexposure by ingestion may irritate the gastrointestinal tract.

Signs and Symptoms:
 NI

Medical Conditions Generally Aggravated by Exposure:
 NI

Emergency First Aid Procedure:
 IF SWALLOWED: Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Call a physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

 IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated.

 IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water.

 IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation

First Aid Measures (Continued)

persists.
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:
 Foam, CO2, Dry Chemical, water.

Special Fire Fighting Procedures:
 Irritating and toxic gases may be generated by thermal decomposition or combustion. Evacuated area and fight fire upwind from a safe distance to avoid hazardous vapors and decomposition products.

Unusual Fire and Explosion:
 None. Carbon monoxide and or carbon dioxide may be by-products of combustion. Chlorine and hydrogen chloride may be formed.

6. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:
 Contain spill and collect into containers for disposal. Clean area with water if possible. See Section 8 for Personal Protective Equipment.

7. Handling and Storage:

Precautions to be Taken:
 Do not contaminate water, food or feed by storage or disposal. Store upright at room temperature. Avoid exposure to extreme temperatures.

PESTICIDE STORAGE AND SPILL PROCEDURES: Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand,

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Handling and Storage (Continued)

sawdust, earth, fuller's earth, etc. Dispose of with chemical waste. Protect from freezing.

Other Precautions:
NI

8. Exposure Controls/Personal Protection:

Ventilation Requirements:
Good local ventilation.

Personal Protective Equipment:
PROTECTIVE CLOTHING: Wear long sleeve shirt, long pants, shoes with socks, and chemical-resistant gloves.

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

RESPIRATORY PROTECTION: None should be required in normal use. 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):

Solubility in Water: 0.2 mg/L at 20°C

Appearance and Odor: Tan to gray granules, Odorless

Other Information:

Density: 35 to 40 pounds/cubic foot

10. Stability and Reactivity:

Stability:
Stable.

Incompatibility (Materials to Avoid):
None known.

Decomposition/By-Products:
None known.

Hazardous Polymerization:
Will not occur.

11. Toxicological Information:

ACUTE TOXICITY:

Oral LD50 (rat) > 5,000 mg/Kg

Dermal LD50 (rat) - > 2,000 mg/Kg

Inhalation LC50 (rat) N/A

Eye Irritation (rabbit) - Slight

Skin Irritation (rabbit) - Very slight

Sensitization (guinea pig) - Possible sensitizer

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

CARCINOGEN STATUS:

OSHA - Not listed.

NTP - Not listed. IARC - Not listed.

MUTAGENIC DATA: No evidence of effects during in vivo or in vitro studies.

ADDITIONAL DATA: Not known to exhibit reproductive or birth defects. Repeated or prolonged low level exposure may cause sensitization to subsequent

Toxicological Information (Continued)

exposures.

12. Ecological Information:

ENVIRONMENTAL SUMMARY: This product is extremely toxic to fish and aquatic invertebrates. It is moderately toxic to birds, and other wildlife. Do not apply directly to water, or to areas where surface water is present. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment washwaters.

FISH TOXICITY: (Technical)

96 hour LC50, Rainbow trout - 2.5 ug/L.

96 hour LC50, Bluegill - 1.8 ug/L.

AVIAN TOXICITY: (Technical)

* Oral LD50, Japanese quail - >13,500 mg/Kg.

BEE TOXICITY: Highly toxic.

13. Disposal Considerations:

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: For Metal Containers - Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures. For Plastic Containers - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities by burning. If burned stay out of smoke

14. Transport Information:

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

Freight Class: PESTICIDES, NOI - NMFC #155050-6

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: None

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: None

SECTION 311/312 HAZARD CATEGORIES: Immediate Health

Hazard, Delayed Health Hazard

SECTION 313 TOXIC CHEMICALS: Permethrin CAS# 52645-53-1

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

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Other Information (Continued)

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.