

Material Safety Data Sheet

Product Name: Gordon's Pre-San Granular 12.5G

MSDS No.: 625-6

Version No.: 009

EPA Registration No.: 10163-198-2217

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: 10/2/00

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					
741582	Bensulide (S-[O,O-Diisopropyl phosphorodithioate] ester of N-[2-mercaptoethyl]benzenesulfonamide)	12.5%	N	N	N	N	N	N	NI	NI	NI
14808607	Quartz	8.0%	N	Y	Y	Y	N	0.1 mg/m3	.05 mg/m3	.05 mg/m3	

3. Hazardous Identification:

Hazard Category:

Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

Tan granules; mercaptan odor.

Irritant.

4. First Aid Measures:

Route(s) of Entry:

Primary routes of entry are skin contact and inhalation.

Health Hazards (Acute and Chronic):

EYES: Causes substantial but temporary eye injury.

SKIN: May cause slight irritation.

INHALATION: Not likely to be inhaled. Inhalation of dust may cause irritation to the respiratory tract.

INGESTION: May irritate the gastrointestinal tract.

Signs and Symptoms:

The active ingredient of this product is a cholinesterase inhibitor. Products of decomposition are irritating to the respiratory tract and may cause breathing difficulty and pulmonary edema. Symptoms may be delayed for several hours or longer, depending on the extent of the exposure.

Medical Conditions Generally Aggravated by Exposure:

NI

Emergency First Aid Procedure:

If a known exposure occurs or is suspected, immediately start the procedures given below and simultaneously contact a Poison Control Center, a physician, or the nearest hospital.

First Aid Measures (Continued)

NOTE: Be sure to advise the person contacted that the active ingredient in this compound is a cholinesterase inhibitor. Describe the type of exposure, the victim's symptoms, and follow the advice given.

IF SWALLOWED: Give several glasses of water and induce vomiting by placing a finger on the back of the victim's tongue. Give fluid until the vomitus is clear. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

FOR SKIN CONTACT: Flush all affected areas with plenty of water for several minutes. Remove and clean contaminated clothing and shoes. Seek medical attention if irritation occurs.

FOR EYE CONTACT: Immediately flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and eyelids with water. Get medical attention immediately.

IF INHALED: Remove to fresh air. Seek medical attention if respiratory irritation occurs or if breathing becomes difficult.

NOTE TO PHYSICIAN: Should cholinesterase inhibition occur, atropine by injection is antidotal. 2-PAM (Protopam Chloride) is also antidotal when administered early and in conjunction with atropine.

Other Health Warnings:

If cholinesterase inhibition is suspected, atropine by injection is antidotal after cyanosis is relieved. Pralidoxime chloride (2-PAM) is also antidotal when given early, and in conjunction with atropine. Never use morphine. Close supervision of the patient is indicated for 48-72 hours.

5. Fire Fighting Measures:

Flash Point: NI **F.P. Method:**
Lower Explosive Limit: NI
Upper Explosive Limit: NI

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Fire Fighting Measures (Continued)

Fire Extinguishing Media:

Dry chemical, CO₂, water.

Special Fire Fighting Procedures:

Wear full-face, self-contained breathing apparatus and impervious clothing.

Unusual Fire and Explosion:

NI

6. Accidental Release Measures:

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

See Section 8, Personal Protective Equipment. Collect the material into drums for reuse or disposal. Cover and label the drums. Wash the area with soap and water if possible. Absorb the water with an inert absorbent, and collect into a drum for disposal.

7. Handling and Storage:

Precautions to be Taken:

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in a cool, dry place. Avoid contamination of food, feed, or domestic animal water supplies.

Other Precautions:

NI

8. Exposure Controls/Personal Protection:

Ventilation Requirements:

Product is to be used outdoors. Mechanical ventilation should be used if working with the product in an enclosed area.

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: 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: Tan granules; mercaptan odor.

Other Information:

Bulk density: 39-45 pounds/cubic ft.

10. Stability and Reactivity:

Stability:

Stable.

Incompatibility (Materials to Avoid):

Product may be ruined by strongly acidic or basic materials.

Decomposition/By-Products:

None known.

Stability and Reactivity (Continued)

Hazardous Polymerization:

Will not occur.

11. Toxicological Information:

No toxicological data available.

12. Ecological Information:

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply where runoff is likely to occur. Do not apply directly to water, or to areas where the surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater.

Do not apply when weather conditions favor drift from the treated area.

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: Completely empty into application equipment. Then dispose of empty bag in a sanitary landfill, or by 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: 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: None

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: None
SECTION 311/312 HAZARD CATEGORIES: Immediate Health Hazard

SECTION 313 TOXIC CHEMICALS: None

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: To revise MSDS to 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.