

Material Safety Data Sheet

Product Name: Acme /Gordon's BARRIER 50W Dichlobenil Herbicide

MSDS No.: 507-8

Version No.: 014

EPA Registration No.: 2217-676

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
E	Pers. Protection

Last Update: 11/16/2009

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						
1194656	2,6-Dichlorobenzonitrile (Dichlobenil)	50.0	N	N	N	N	N	NI	NI	NI	
1332587	Kaolin clay	36.6	N	N	N	Y	N	5 mg/m3R	2 mg/m3R	5 mg/m3R	
14808607	Quartz	<2	N	Y	Y	Y	N	0.1 mg/m3	.05 mg/m3	.05 mg/m	

3. Hazardous Identification:

Hazard Category:
 Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

Aromatic tan powder.
Irritant. May be harmful if absorbed through the skin, or if swallowed.

4. First Aid Measures:

Route(s) of Entry:
 Contact, inhalation, ingestion.

Health Hazards (Acute and Chronic):
 EYES: Contact may cause irritation.

SKIN: Contact may cause skin irritation. May be harmful if absorbed through the skin.

INHALATION: May cause irritation to the respiratory tract.

INGESTION: May cause irritation to the gastrointestinal tract. May be harmful if swallowed.

Signs and Symptoms:
 NI

Medical Conditions Generally Aggravated by Exposure:
 NI

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

First Aid Measures (Continued)

--Have person sip a glass of water if able to swallow.
 --Do not induce vomiting unless told to do so by the poison control center or doctor.
 --Do not give anything by mouth to an unconscious person.

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 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 further treatment advice.

Other Health Warnings:
 Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-800-5556 for emergency medical treatment advice.

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:
 Wear self-contained breathing apparatus.

Unusual Fire and Explosion:
 Extreme heat may release chloride and nitrogen oxide gases. Runoff from fire control may cause pollution to surface water. If pollution occurs, notify local authorities.

6. Accidental Release Measures:

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Accidental Release Measures (Continued)

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

Do not touch spilled material. See Section 8 for Personal Protective Equipment. Contain and collect the spilled product for reuse or disposal. Cover and label the containers. Wash area with water if possible.

7. Handling and Storage:

Precautions to be Taken:

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original bag in a locked storage area inaccessible to children or pets. Storage area should be cool and dry. Keep bag tightly closed. Reseal bag by rolling down top to product level and taping or clipping.

Other Precautions:

IMPORTANT! Always wash hands, face, and arms with soap and water before smoking, eating, drinking, or toileting. Before removing gloves, wash them with soap and water. Keep all unprotected persons, children, livestock, and pets away from treated area or where there is a danger of drift.

Do not rub eyes or mouth with hands. If you feel sick in any way STOP work and get help right away. See First Aid Statement.

8. Exposure Controls/Personal Protection:

Ventilation Requirements:

Good local ventilation is required.

Personal Protective Equipment:

CAUTION: Harmful if swallowed or absorbed through the skin. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wear protective clothing including rubber gloves when handling.

Personal Protective Equipment (PPE)

Applicators and handlers must wear:

- " Long-sleeved shirt and long pants
- " Shoes plus socks
- " Chemical-resistant gloves, such as butyl rubber 14 mils, neoprene rubber 14 mils, or nitrile rubber, 14 mils
- " Chemical-resistant apron for mixing and loading

PROTECTIVE CLOTHING: Wear long sleeves and pants; chemical-resistant gloves and shoes with socks.

EYE PROTECTION: Wear safety glasses or 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.): See below

Vapor Density (Air = 1): NI

Specific Gravity (H₂O = 1): 0.00000

Solubility in Water: Wetable powder.

Appearance and Odor: Tan powder; aromatic.

Other Information:

NI

10. Stability and Reactivity:

Stability:

Stable.

Incompatibility (Materials to Avoid):

Strong oxidizing agents, and/or extreme heat.

Decomposition/By-Products:

Burning may produce chloride and nitrogen oxide gases.

Hazardous Polymerization:

Will not occur.

11. Toxicological Information:

Acute Oral Toxicity: 4.97 g/kg (rats)

Acute Dermal Toxicity: >2,000 mg/kg

Primary Eye Irritation: Test material appears to be a slight conjunctival irritant in the unwashed eye. Washing appears to slightly reduce the duration of the conjunctival irritation as seen in the unwashed eye.

Primary Skin Irritation: Subject material appears to be a slight skin irritant.

12. Ecological Information:

Environmental Hazards

Do not apply directly to water, 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.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow may result in groundwater contamination.

13. Disposal Considerations:

PESTICIDE STORAGE: Store in original bag in a locked storage area inaccessible to children or pets. Storage area should be cool and dry. Keep bag tightly closed. Reseal bag by rolling down top to product level and taping or clipping.

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

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 No. 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: 200 pounds of the formulation which contains 100 pounds of Dichlobenil

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Regulatory Information (Continued)

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: None

SECTION 311/312 HAZARD CATEGORIES: Immediate Health
Hazard, Delayed 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: General revision of the 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.