

Material Safety Data Sheet

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

MSDS No.: 507-8

Version No.: 013

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: 11/21/00

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						
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/m3	

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:
 EYES: Flush with clean water for 10-15 minutes, holding lids open. If irritation persists, seek medical attention.

SKIN: Bathe and shampoo with soap and water to remove chemicals from skin and hair. If irritation persists, seek medical attention. Launder contaminated clothing separately prior to reuse.

INHALATION: Remove victim to fresh air. Apply artificial respiration if

First Aid Measures (Continued)

needed. If irritation persists, seek medical attention.

INGESTION: Call physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Get medical attention.

Other Health Warnings:

Do not eat, drink or smoke when handling product. Avoid contact with skin, eyes and clothing.

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:

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: Do not contaminate water, food, or feed by storage or

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Handling and Storage (Continued)

disposal.

Store product in original container only and in a locked storage area. For disposal, rinse thoroughly and securely wrap original container in several layers of newspaper and discard in trash. Do not reuse empty container.

Other Precautions:

NI

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.

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:

Dermal LD50: >2 g/kg body weight.

12. Ecological Information:

Do not apply directly to lakes, ponds, or streams. Do not contaminate water when disposing of equipment washwater. 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 allow spray to drift onto nontarget crops or vegetation.

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: 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: 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: 200 pounds of the formulation which contains 100 pounds of Dichlobenil

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: 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 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.