

MATERIAL SAFETY DATA SHEET

MSDS NUMBER: 507-a
 PBI ID NO.: 009
 EPA REGISTRATION NUMBER: 2217-676
 PRODUCT NAME: ACME BARRIER 50W DICHLOROBENIL HERBICIDE
 CAS NUMBER: -0
 CHEMICAL NAME: Herbicide

Root treatment
 Growth

D

SECTION I

MANUFACTURER: PBI/Gordon Corporation

ADDRESS: 1217 West 12th Street
Kansas City, MO 64101

EMERGENCY TELEPHONE NUMBER: (800)424-9300

INFORMATION TELEPHONE NUMBER: (816)421-4070

DATE PREPARED: 11/10/93

HMIS RATINGS:

HEALTH: 1
 FIRE: 1
 REACTIVITY: 0
 PERSONAL PROTECTION: E



SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

CAS NUMBER	HAZARDOUS COMPONENT	SUB-SARA				OTHER LIMITS		
		NTP	IARC	PART/2	313	OSMA PEL	ACGIH TLV	RECOMMENDED PERCENT
1194-65-6	2,6-Dichlorobenzonitrile (Dichlobenil)	N	N	N	N	NI	NI	50.00
1332-58-7	Kaolin clay	N	N	Y	N	10 mg/m3	2 mg/m3	36.58
14808-60-7	Quartz	Y	N	Y	N	0.1 mg/in3	0.1 mg/m3	1.16

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	NI	SPECIFIC GRAVITY (H2O = 1)	0.00000
VAPOR PRESSURE (mm Hg.)	See below	MELTING POINT	NI
DENSITY (AIR = 1)	NI	EVAPORATION RATE (Butyl Acetate = 1)	NI

SOLUBILITY IN WATER: <1%; wettable powder.

APPEARANCE AND ODOR: Tan powder; aromatic.

OTHER INFORMATION: Vapor Pressure: 5×10^{-4} mm Hg at 25 degrees C.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NI

FLAMMABLE LIMITS: LEL: NI

UEL: NI

EXTINGUISHING MEDIA: Foam, CO2, Dry Chemical, Water.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.

UNUSUAL FIRE FIGHTING PROCEDURES: Extreme heat may release chloride and nitrogen oxide gases. Run-off from fire control may cause pollution to surface water supplies. If pollution occurs, notify local authorities.

SECTION V - REACTIVITY DATA

STABILITY: Stable.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents, and/or extreme heat.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Burning may produce chloride and nitrogen oxide gases.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: Contact, inhalation, ingestion.

HEALTH HAZARDS (ACUTE AND CHRONIC):
 CONTACT: Contact may cause irritation.

SKIN: Contact may cause skin irritation. May be harmful if absorbed through the skin. Dermal LD50: >2.0 g/kg.

INHALATION: May cause irritation to the respiratory tract.

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

MSDS NUMBER: 507-6

Page: 3

PRODUCT NAME: ACME BARRIER 50W DICHLOBENIL HERBICIDE

SECTION VI - HEALTH HAZARD DATA (Continued)

AND SYMPTOMS OF EXPOSURE: NI

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NI

EMERGENCY AND FIRST AID PROCEDURES:

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

SKIN: Remove contaminated clothing. 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 needed. If irritation persists, seek medical attention.

INGESTION: Call physician or Poison Control Center.

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

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Do not touch spilled material. Wear protective clothing, safety goggles, chemical-resistant gloves and shoes. If exposure limits may be exceeded, wear a dust/mist respirator, NIOSH/MSHA approval number TC-21C, or an organic cartridge respirator, NIOSH/MSHA approval number TC-23C. Contain and collect the spilled product for reuse or disposal. Cover and label the containers. Wash area with water if possible.

WASTE DISPOSAL METHOD: Dispose of waste material and waste water according to local, state and Federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a locked area, inaccessible to children and domestic animals. Do not allow cross-contamination of food, feed, seeds, or other agricultural products. Keep container tightly closed. Storage area should be cool and dry.

OTHER PRECAUTIONS: NI

SECTION VIII - CONTROL MEASURES

VENTILATION REQUIREMENTS: Good local ventilation is required.

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION: If exposure limits may be exceeded, wear a dust/mist respirator, NIOSH/MSHA approval number TC-21C or an organic vapor respirator with pesticide prefilter, NIOSH/MSHA approval number TC-23C.

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

EYE PROTECTION: Wear safety glasses or goggles.

SECTION IX - ADDITIONAL INFORMATION

ADDITIONAL MANUFACTURER WARNINGS:

TSCA Status: Exempt.

Recommended Hazard Summary (Defined by 29 CFR 1910.1200):

Immediate health hazard.

NOTE: NI means not indicated.

OTHER PRECAUTIONS AND COMMENTS:

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.