

# Material Safety Data Sheet

Product Name: Gordon's BRUSHMASTER Herbicide

MSDS No.: 774-1

Version No.: 011

EPA Registration No.: 2217-774

## Disposal Considerations (Continued)

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

### CONTAINER DISPOSAL:

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.

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 procedures approved by state and local authorities.

## Other Information (Continued)

and the safety and health of employees.

### 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:** 530 pounds of the formulation which contains 100 pounds of 2,4-Dichlorophenoxyacetic acid, isooctyl ester

#### SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: None

SECTION 311/312 HAZARD CATEGORIES: Immediate Health Hazard, Delayed Health Hazard, Fire Hazard

SECTION 313 TOXIC CHEMICALS: 2,4-Dichlorophenoxyacetic acid, isooctyl ester CAS# 1928-43-4, Dicamba, CAS# 1918-00-9

**RCRA STATUS:** When discarded in its purchased form, this product is a listed RCRA hazardous waste and should be managed as a hazardous waste. (40 CFR 261.20-24)

### 16. Other Information:

**REASON FOR ISSUE:** To add the CAS No. for the 2,4-DP 2-ethylhexyl ester plus optical isomer.

**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



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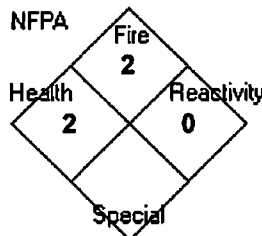
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## 1. Basic Information:

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



2	Health
2	Flammability
0	Reactivity
B	Pers. Protection

Last Update: 12/8/2003

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					
618446529	(R)(+)-2-(2,4-Dichlorophenoxy propionic acid), isooctyl (2-ethylhexyl) ester	9.24%	N	N	Y	N	N	NI	NI	NI	NI
1928434	2,4-Dichlorophenoxyacetic acid, isooctyl (2-ethylhexyl) ester	18.85%	N	N	Y	N	Y	NI	NI	NI	NI
1918009	3,6-Dichloro-o-anisic acid (Dicamba)	3.01%	N	N	N	N	Y	NI	NI	NI	NI

## 3. Hazardous Identification:

Hazard Category:  
 Acute  Chronic  Fire  Pressure  Reactive

Hazardous Identification Information:

Liquid; ester odor.

Eye irritant. Irritant to skin, respiratory and gastrointestinal systems.

The International Agency for Research on Cancer (IARC) lists chlorophenoxy herbicides in its Group 2B (limited evidence for carcinogenicity in humans.) The US EPA has given the chlorophenoxy herbicides 2,4-D, 2,4-DP, MCPP, and MCPA a Class D classification (not classifiable as to human carcinogenicity.) More current 2,4-D lifetime feeding studies in rats and mice did not show carcinogenic effects and a recent World Health Organization (WHO) review of 2,4-D toxicology has concluded that 2,4-D is not a carcinogen.

## 4. First Aid Measures:

Route(s) of Entry:

Contact, Inhalation, Ingestion.

Health Hazards (Acute and Chronic):

EYES: Eye irritant.

SKIN: Contact may be moderately irritating to the skin.

INHALATION: May be irritating to the respiratory system.

INGESTION: May be irritating to gastrointestinal tract.

CHRONIC: Repeated or prolonged overexposure may effect the skin, liver, kidneys, muscular or gastrointestinal systems.

Signs and Symptoms:

Inhalation may cause a burning sensation, with coughing and dizziness.

## First Aid Measures (Continued)

Medical Conditions Generally Aggravated by Exposure:  
 Asthma or skin lesions may be irritated by exposure.

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

If on skin:

- 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 treatment advice.

IF SWALLOWED: Call a physician or Poison Control Center immediately. Contains petroleum solvent. Do not induce vomiting because of danger of aspirating liquid into lungs, causing serious damage and chemical pneumonitis. If spontaneous vomiting occurs, keep head below hips to prevent aspiration, and monitor for breathing difficulty.

Other Health Warnings:

NI

## 5. Fire Fighting Measures:

Flash Point: 190°F F.P. Method: Closed Cup  
 Lower Explosive Limit: NI  
 Upper Explosive Limit: NI