

Material Safety Data Sheet

Product Name: Gordon's Permethrin 10 Livestock and Premise Spray

MSDS No.: 929-2

Version No.: 001

EPA Registration No.: 2217-853

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
2	Flammability
0	Reactivity
B	Pers. Protection

Last Update: 4/16/2003

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						
52645531	(3-Phenoxyphenyl) methyl-3-(2,2-dichloroethyl)-2,2-dimethylcyclopropanecarboxylate (Permethrin)	10.0%	N	N	N	N	N	NI	NI	NI	
64741442	Aliphatic Petroleum Distillates	41.2%	N	N	N	N	N	NI	NI	NI	
68953968	Branched Alkylbenzene Sulfonic Acid, Calcium Salts	4.0%	N	N	N	N	N	NI	NI	NI	
64742478	Light hydrotreated petroleum distillate	39.9%	N	N	N	N	N	NI	NI	NI	
71363	n-Butanol	1.6%	N	N	N	Y	Y	300 mg/m3	61 mg/m3	150 mg/m	

3. Hazardous Identification:

Hazard Category:

Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

Straw-colored liquid. Slight aromatic odor.

4. First Aid Measures:

Route(s) of Entry:

Contact, inhalation, ingestion.

Health Hazards (Acute and Chronic):

EYES: Avoid contact with eyes. Causes moderate eye irritation.

SKIN: Contact may irritate skin. May be harmful if absorbed through the skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

INHALATION: Harmful if inhaled. Overexposure may irritate the respiratory tract.

INGESTION: Product contains petroleum distillates. Vomiting may cause aspiration pneumonia.

Signs and Symptoms:

NI

Medical Conditions Generally Aggravated by Exposure:

SKIN: Contact may irritate skin. May be harmful if absorbed through the skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

First Aid Measures (Continued)

Emergency First Aid Procedure:

If Inhaled:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

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 in Eye:

- 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:

- Immediately call a poison control center or doctor.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give any liquid to the person.
- Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For additional information in case of emergency, call toll free 1-877-800-5556.

Other Health Warnings:

Note to Physician and Veterinarians:

- Contains petroleum distillate - vomiting may cause aspiration pneumonia.
- Do not administer or instill milk, cream or other substances containing vegetable or animal fats which enhance absorption of lipophilic

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First Aid Measures (Continued)

Stability and Reactivity (Continued)

substances.

5. Fire Fighting Measures:

Flash Point: 170 °F F.P. Method: PM Closed Cup

Lower Explosive Limit: NI

Upper Explosive Limit: NI

Fire Extinguishing Media:

Foam, CO₂, Dry Chemical, water fog.

Special Fire Fighting Procedures:

Use self-contained breathing apparatus.

Unusual Fire and Explosion:

Do not use direct stream of water; material may float and ignite. Contains petroleum distillates.

6. Accidental Release Measures:

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

See Section 8 for Personal Protective Equipment. In case of spillage or leakages, soak up with an absorbent material such as sand, sawdust, earth, Fuller's earth, etc. Place into container(s) and dispose of properly. Clean area with water if possible.

7. Handling and Storage:

Precautions to be Taken:

Combustible--Do not use or store this product near heat or open flame.

Other Precautions:

Do not use this product in or on electrical equipment due to the possibility of shock.

8. Exposure Controls/Personal Protection:

Ventilation Requirements:

Good local ventilation.

Personal Protective Equipment:

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

EYE PROTECTION: Safety glasses, goggles, or splash shield.

RESPIRATORY PROTECTION: If exposure limits may be exceeded, wear a respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a NIOSH approved respirator with any 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): 0.84770

Solubility in Water: Emulsion

Appearance and Odor: Straw colored, pungent odor

Other Information:

Density: 7.06 pounds/gallon.

10. Stability and Reactivity:

Stability:

Stable.

Incompatibility (Materials to Avoid):

None known.

Decomposition/By-Products:

None known.

Hazardous Polymerization:

Will not occur.

11. Toxicological Information:

No toxicological data available.

12. Ecological Information:

This product is highly toxic to fish. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean water mark. Do not apply where runoff is likely to occur. Do not apply when wind speeds exceed 10 mph. Do not contaminate water when disposing of equipment washwaters. Shrimp and crab may be killed if application rates recommended on this label are exceeded. Use with caution where these are important resources.

This product is highly toxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply this product or allow drift when bees are actively visiting the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

13. Disposal Considerations:

PESTICIDE DISPOSAL: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

CONTAINER DISPOSAL: DO NOT REUSE CONTAINER. Triple-rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or by other procedures approved local and state procedures).

14. Transport Information:

The following guidelines apply for domestic ground transport. If shipping by air or ocean, please contact our Transportation Dept.

Freight Class: Insecticides, NOI - NMFC #102120

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: 312,500 pounds of the formulation which contains 5000 pounds of n-Butanol.

SARA TITLE III:

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

SECTION 313 TOXIC CHEMICALS: Permethrin CAS# 52645-53-1, n-Butanol CAS# 71-36-3

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Regulatory Information (Continued)

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: New 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.