

Material Safety Data Sheet

Product Name: Gordon's Goat & Sheep Spray

MSDS No.: 763-2

Version No.: 003

EPA Registration No.: 2217-825

I. 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
B	Pers. Protection

Last Update: 10/4/2000

Chemical State: Liquid Gas Solid
Chemical Type: Pure Mixture

II. Ingredients:

Trade Secret (ND = Not Disclosed)

CAS No.	Chemical Name	% Range	EHS		IARC		SARA 313		OSHA	ACGIH	Other Limits
			NTP	Sub Z	Sub Z	Sub Z	PEL	TLV			
52645531	Permethrin (3-Phenoxyphenyl)methyl(+)-cis/trans-3-(2,2-dichloroethenyl) 2,2-dimethylcyclopropanecarboxylate	0.50%	N	N	N	N	Y	NI	NI	NI	NI

III. Hazardous Identification:

Hazard Category:

Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

Clear liquid, little or no odor.

IV. First Aid Measures:

Route(s) of Entry:

Contact.

Health Hazards (Acute and Chronic):

EYES: Contact may irritate eyes.

SKIN: Contact may irritate skin. Dermal

INHALATION: Overexposure may irritate the respiratory tract.

INGESTION: Overexposure by ingestion may irritate the gastrointestinal tract.

Signs and Symptoms:

NI

Medical Conditions Generally Aggravated by Exposure:

NI

Emergency First Aid Procedure:

IF SWALLOWED: Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Call a physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated.

IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water.

First Aid Measures (Continued)

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

Other Health Warnings:

NI

V. Fire Fighting Measures:

Flash Point: 110°F **F.P. Method:**

Lower Explosive Limit: NI

Upper Explosive Limit: NI

Fire Extinguishing Media:

Foam, CO₂, Dry Chemical, water. The low flash point of this product is due to a minor component in the mixture. Based on independent laboratory testing of similar products, this product would not sustain combustion as specified in DOT Regulation 49 CFR 173 Appendix H, and, therefore, would not be classified as a combustible liquid.

Special Fire Fighting Procedures:

None.

Unusual Fire and Explosion:

None.

VI. Accidental Release Measures:

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

See Section 8 for Personal Protective Equipment. Contain spill with absorbent and collect into containers for disposal. Clean area with water if possible.

VII. Handling and Storage:

Precautions to be Taken:

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

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Handling and Storage (Continued)

Store upright at room temperature. Avoid exposure to extreme temperatures.

PESTICIDE STORAGE AND SPILL PROCEDURES: Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste. Protect from freezing.

Other Precautions:
NI

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:
Good local ventilation.

Personal Protective Equipment:
PROTECTIVE CLOTHING: Wear long sleeve shirt, long pants, shoes with socks, and chemical-resistant gloves.

EYE PROTECTION: Safety glasses with side shields or safety goggles.

RESPIRATORY PROTECTION: None should be required in normal use. 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.

IX. Physical and Chemical Properties:

Boiling Point: 212°F **Melting Point:** NI

Evaporation Rate (Butyl Acetate = 1): NI

Vapor Pressure (mm Hg.): <17@68°F

Vapor Density (Air = 1): >1

Specific Gravity (H2O = 1): 0.99800

Solubility in Water: Emulsion

Appearance and Odor: Yellow liquid, solvent odor.

Other Information:
pH: 6.0--9.0
Freezing Point: 32°F
Density: 8.33 pounds/gallon

X. Stability and Reactivity:

Stability:
Stable.

Incompatibility (Materials to Avoid):
None known.

Decomposition/By-Products:
None known.

Hazardous Polymerization:
Will not occur.

XI. Toxicological Information:

Dermal LD50: >2000 mg/kg body weight.

Oral LD50: 4300 mg/kg (active ingredients)

XII. Ecological Information:

This product is toxic to fish. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the high

Ecological Information (Continued)

water mark.

Do not contaminate water when disposing of equipment washwater.

XIII. 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: 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 approved State and local procedures. 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

XIV. 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.

XV. 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: None

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)

XVI. 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

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Other Information (Continued)

sources to assure both the proper use of the material described herein and the safety and health of employees.