

Material Safety Data Sheet

Product Name: Gordon's Dairy Aerosol Insect Spray

MSDS No.: 733-2

Version No.: 004

EPA Registration No.: 47000-97-2217

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
1	Reactivity
A	Pers. Protection

Last Update: 2/7/2002

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						
75285	Isobutane	20-35%	N	N	N	N	N	NI	NI	800 ppm	
64742478	Light hydrotreated petroleum distillate	<10.00%	N	N	N	N	N	NI	NI	400 ppm C	
51036	Piperonyl butoxide, tech.	5.00%	N	N	N	N	N	NI	NI	NI	
8003347	Pyrethrins	0.50%	N	N	N	Y	N	5 mg/m3	5 mg/m3	5 mg/m3	

3. Hazardous Identification:

Hazard Category:
 Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:
 White to straw yellow milky emulsion. Weak, soapy, fatty aromatic odor.
 Irritant.

4. First Aid Measures:

Route(s) of Entry:
 Contact, inhalation and ingestion.

Health Hazards (Acute and Chronic):
 EYES: Contact may cause irritation.

SKIN: Prolonged exposure may cause skin irritation.

INHALATION: May irritate respiratory tract.

INGESTION: May irritate gastrointestinal tract.

Ingestion and inhalation are unlikely, due to the product being pressurized, and producing particles large enough not to be respirable. A few cases of extrinsic asthma from pyrethrin mixtures have been reported. Prolonged exposure may cause drying of nose and throat.

Signs and Symptoms:
 NI

Medical Conditions Generally Aggravated by Exposure:
 NI

Emergency First Aid Procedure:
 IF SWALLOWED: Do not induce vomiting. Call a physician or Poison Control Center immediately.

First Aid Measures (Continued)

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

IF ON SKIN: Remove contaminated clothing. Bathe and shampoo with soap and water to remove chemicals from skin and hair. Get medical attention.

INHALATION: Remove victim to fresh air. Apply artificial respiration if needed. If irritation persists, seek medical attention.

Other Health Warnings:
 NI

5. Fire Fighting Measures:

Flash Point: F.E. = 18" **F.P. Method:**

Lower Explosive Limit: NI

Upper Explosive Limit: NI

Fire Extinguishing Media:
 CO2, Dry chemical, Water Fog

Special Fire Fighting Procedures:
 If material or containers are engulfed in flame they may burst or explode and become projectiles.

Unusual Fire and Explosion:
 Aerosol flame extension = 18" (CSMA flame extension test). Contents under pressure. Exposure to temperatures above 130°F may cause bursting.

6. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:
 See Section 8 for Personal Protective Equipment. If container begins to leak, through puncture, etc., allow it to discharge completely in a well-ventilated area, then dispose of container and chemical properly.

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Accidental Release Measures (Continued)

7. Handling and Storage:

Precautions to be Taken:

Keep from children and pets. Remove pets during treatment.

Avoid skin contact. Do not remain in treated areas. Ventilate area after treatment is completed.

Do not contaminate food or eating utensils; remove during treatment.

Other Precautions:

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not use this product in or on electrical equipment due to possibility of shock hazard.

8. Exposure Controls/Personal Protection:

Ventilation Requirements:

Good local ventilation of the area is required, following treatment.

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: 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): >1

Vapor Pressure (mm Hg.): 55psig,70F

Vapor Density (Air = 1): >1

Specific Gravity (H20 = 1): 0.85000

Solubility in Water: Miscible

Appearance and Odor: Yellow milky emulsion

Other Information:

10. Stability and Reactivity:

Stability:

Stable unless heated.

Incompatibility (Materials to Avoid):

Do not spray into open flame or onto very hot surfaces. Keep away from excessive heat and any source of ignition. Avoid strong acids or alkalides.

Decomposition/By-Products:

Thermal decomposition in open flame may result in carbon monoxide and carbon dioxide being produced.

Hazardous Polymerization:

Will not occur.

11. Toxicological Information:

Dermal LD50: >2000 mg/kg body weight.

Toxicological Information (Continued)

Acute Oral LD50: 4350 mg/kg body weight. (rats)

Acute Inhalation LC50: >5.42 mg/L

12. Ecological Information:

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.

13. Disposal Considerations:

When container is empty, replace cap and offer for recycling. When recycling is not available, securely wrap container in several layers of newspaper and discard in trash. Do not puncture or incinerate container.

Dispose of container and any waste according to Local, State and Federal regulations. Aerosol cylinder is not refillable.

14. Transport Information:

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

Freight Class: Insecticides, NOI - NMFC Class #102120

For our current available sizes, under DOT regulations, this product must be marked and described as:

CONSUMER COMMODITY, ORM-D

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 1 pound of Pyrethrins

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: None
SECTION 311/312 HAZARD CATEGORIES: Immediate Health Hazard, Delayed Health Hazard, Fire Hazard, Pressure Hazard
SECTION 313 TOXIC CHEMICALS: Piperonyl butoxide, CAS# 51-03-6

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,

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Other Information (Continued)

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