

Material Safety Data Sheet

Product Name: Gordon's Liquid Fruit Tree Spray

MSDS No.: 795-5

Version No.: 016

EPA Registration No.: 4-122-33955

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
3	Flammability
0	Reactivity
B	Pers. Protection

Last Update: 1/14/2002

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						
95636	1,2,4-Trimethylbenzene	24.00%	N	N	N	N	Y	NI	25 ppm	25 ppm	
63252	1-Naphthalenol, methylcarbamate (Carbaryl)	0.30%	N	N	N	Y	N	5 mg/m3	5 mg/m3	5 mg/m3	
64742956	Aromatic hydrocarbon solvent	48.00%	N	N	N	Y	N	500 ppm	NI	50 ppm	
133062	Captan	11.76%	N	N	N	N	Y	NI	5 mg/m3	5 mg/m3	
98828	Cumene	1.00%	N	N	N	Y	Y	50 ppm	50 ppm	50 ppm	
121755	Malathion	6.00%	N	N	N	Y	Y	15 mg/m3	10 mg/m3	10 mg/m3	
1330207	Xylenes	2.00%	N	N	N	Y	Y	100 ppm	100 ppm	100 ppm	

3. Hazardous Identification:

Hazard Category:
 Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:
 Solid mixed in liquid; solvent odor.

Contact may cause irreversible eye damage. May be absorbed through the skin. May be harmful if inhaled or swallowed.

4. First Aid Measures:

Route(s) of Entry:
 Oral, dermal, inhalation.

Health Hazards (Acute and Chronic):
 EYES: Contact may cause irreversible eye damage.

SKIN: May be moderately irritating; may cause allergic skin reactions. May be absorbed through the skin.

INHALATION: May be harmful if inhaled.

INGESTION: May irritate and/or harm the gastrointestinal tract if swallowed.

Signs and Symptoms:
 NI

Medical Conditions Generally Aggravated by Exposure:
 NI

First Aid Measures (Continued)

Emergency First Aid Procedure:
 IF IN EYES: Flush with plenty of water. Call a physician.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF SWALLOWED: Drink promptly a large quantity of milk, egg whites, gelatin solutions, or if these are not available, drink large quantities of water. Avoid alcohol.

IF INHALED: Remove victim to fresh air. If not breathing give artificial respiration preferably mouth-to-mouth. Get medical attention.

Other Health Warnings:
 NOTE: Product contains xylene; may be an aspiration hazard.

5. Fire Fighting Measures:

Flash Point: 94°F **F.P. Method:** Tag Closed Cup
Lower Explosive Limit: NI
Upper Explosive Limit: NI

Fire Extinguishing Media:
 Foam, CO2, dry chemical, water.

Special Fire Fighting Procedures:
 Wear self-contained breathing apparatus and full protective gear.

Unusual Fire and Explosion:
 Burning may produce toxic fumes. Run off from fire control may cause pollution; keep out of surface waters. If contaminated water enters surface waters, contact local water pollution authorities.

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6. Accidental Release Measures:

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

See Section 8 for Personal Protective Equipment. Absorb the spilled product on inert material. Place contaminated absorbent in containers; cover and label the containers for proper disposal or use. Prevent contamination of surface water.

7. Handling and Storage:

Precautions to be Taken:

Store in a cool, dry area inaccessible to children or pets.

Other Precautions:

PHYSICAL & CHEMICAL HAZARDS: Extremely flammable. Keep away from fire, sparks, and heated surfaces.

8. Exposure Controls/Personal Protection:

Ventilation Requirements:

Good local ventilation is required.

Personal Protective Equipment:

PROTECTIVE CLOTHING: Wear long sleeve shirt, long pants, shoes with socks, and chemical-resistant gloves. Rubber, vinyl, or plastic materials are impermeable to captan.

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: >215°F Melting Point: NI

Evaporation Rate (Butyl Acetate = 1): NI

Vapor Pressure (mm Hg.): NI

Vapor Density (Air = 1): NI

Specific Gravity (H₂O = 1): 1.03000

Solubility in Water: Forms a suspension in water.

Appearance and Odor: Solid mixed in liquid; solvent odor

Other Information:

Freezing Point: <35°F

10. Stability and Reactivity:

Stability:

Stable.

Incompatibility (Materials to Avoid):

Avoid contact with strong acids and alkali. They can cause decomposition of the formulation.

Decomposition/By-Products:

If burned, CO₂, and other oxides may be produced.

Hazardous Polymerization:

Will not occur.

11. Toxicological Information:

No toxicological data available.

12. Ecological Information:

This pesticide is toxic to fish, aquatic invertebrates, and aquatic life

Ecological Information (Continued)

stages of amphibians. Do not apply directly to water. Drift and runoff may be hazardous to aquatic organisms in areas near the application site. Do not clean equipment or dispose of equipment washwaters in a manner that will contaminate water resources. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

13. Disposal Considerations:

CONTAINER DISPOSAL: Do not reuse container. Rinse thoroughly before discarding in trash.

PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

Dispose of wastes according to local, state and Federal regulations.

14. Transport Information:

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

Freight Class: Fungicides, NOI - NMFC Class #102120

For the sizes we currently offer, under DOT regulations, this product must be labeled 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: None

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: Captan CAS# 133-06-2, Malathion CAS# 121-75-5, Carbaryl CAS# 63-25-2, Xylenes, CAS# 1330-20-7

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 Part 261.20-24)

16. Other Information:

REASON FOR ISSUE: To revise Section 2. Ingredients

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.