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Version 3

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name Liquid Fruit Tree Spray

Other means of identification

Product Code PBI FP 795-5

EPA Pesticide Registration Number 4-122-33955

Recommended use of the chemical and restrictions on use

Recommended Use Fungicide. Insecticide.

Uses advised against No information available.

Details of the supplier of the safety data sheet

Supplier
PBI Gordon Corporation
1217 West 12th Street
Kansas City, MO 64101

Manufacturer
PBI Gordon Corporation
1217 West 12th Street
Kansas City, MO 64101

Company Name
PBI Gordon Corporation
1217 West 12th Street
Kansas City, MO 64101

Emergency telephone number

Emergency Telephone Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute Inhalation Toxicity - Gases	Category 3
Acute Inhalation Toxicity - Dusts and Mists	Category 4
Skin Corrosion/Irritation Category	Category 2
Serious eye damage/eye irritation	Category 1
Skin Sensitization	Category 1
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1B
Specific target organ toxicity (single exposure)	Category 3
Aspiration Toxicity	Category 1
Flammable liquids	Category 3

Label elements

Emergency Overview

Danger

Hazard statements

Toxic if inhaled. Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction. May cause genetic defects. May cause cancer. May cause respiratory irritation. May be fatal if swallowed and enters airways.
Flammable liquid and vapor.



Appearance Suspension**Physical state** Liquid**Odor** Solvent**Precautionary Statements - Prevention**

- Obtain special instructions before use
- Do not handle until all safety precautions have been read and understood
- Use personal protective equipment as required
- Avoid breathing dust/fume/gas/mist/vapors/spray
- Use only outdoors or in a well-ventilated area
- Wash face, hands and any exposed skin thoroughly after handling
- Contaminated work clothing should not be allowed out of the workplace
- Wear protective gloves
- Keep away from heat/sparks/open flames/hot surfaces. — No smoking
- Keep container tightly closed
- Ground/bond container and receiving equipment
- Use only non-sparking tools
- Take precautionary measures against static discharge
- Keep cool

Precautionary Statements - Response

- IF exposed or concerned: Get medical advice/attention
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- If skin irritation or rash occurs: Get medical advice/attention
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
- Wash contaminated clothing before reuse
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- Call a POISON CENTER or doctor/physician
- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
- Do NOT induce vomiting
- In case of fire: Use CO₂, dry chemical, or foam for extinction

Precautionary Statements - Storage

- Store locked up
- Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

- Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Have the product label with you when calling a poison control center or doctor or going in for treatment. You may also contact 1-877-800-5556 for emergency medical treatment advice.

Other Information**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Percent
Trade Secret	Proprietary	40-50*
Trade Secret	Proprietary	20-30*
Captan	133-06-2	11.76
Malathion	121-75-5	6
Trade Secret	Proprietary	0-10*
Trade Secret	Proprietary	0-10*
Carbaryl	63-25-2	0.3

* The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures

General advice	In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). If symptoms persist, call a physician.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
Skin Contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.
Inhalation	Move to fresh air in case of accidental inhalation of vapors. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Artificial respiration and/or oxygen may be necessary. If symptoms persist, call a physician.
Ingestion	Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.
Self-protection of the first aider	Remove all sources of ignition. Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians May cause sensitization of susceptible persons. Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Foam. Carbon dioxide (CO₂). Dry chemical. Water spray (fog).

Specific hazards arising from the chemical

In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact. Thermal decomposition can lead to release of irritating and toxic gases and vapors. Flammable.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Personal precautions Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required. Keep people away from and upwind of spill/leak.

Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Pick up and transfer to properly labeled containers. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

7. HANDLING AND STORAGE

Precautions for safe handling**Advice on safe handling**

Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded. Use with local exhaust ventilation. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray.

Conditions for safe storage, including any incompatibilities**Storage Conditions**

Keep in properly labeled containers. Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

Incompatible materials

Incompatible with strong acids and bases.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Trade Secret	-	-	TWA: 25 ppm TWA: 125 mg/m ³
Captan 133-06-2	TWA: 5 mg/m ³ inhalable fraction	(vacated) TWA: 5 mg/m ³	TWA: 5 mg/m ³
Malathion 121-75-5	TWA: 1 mg/m ³ inhalable fraction and vapor S*	TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust (vacated) S* S*	IDLH: 250 mg/m ³ TWA: 10 mg/m ³
Trade Secret	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m ³	-
Trade Secret	TWA: 50 ppm	TWA: 50 ppm TWA: 245 mg/m ³ (vacated) TWA: 50 ppm (vacated) TWA: 245 mg/m ³ (vacated) S* S*	IDLH: 900 ppm TWA: 50 ppm TWA: 245 mg/m ³
Carbaryl 63-25-2	TWA: 0.5 mg/m ³ inhalable fraction and vapor S*	TWA: 5 mg/m ³ (vacated) TWA: 5 mg/m ³	IDLH: 100 mg/m ³ TWA: 5 mg/m ³

NIOSH IDLH *Immediately Dangerous to Life or Health***Other Information**

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls**Engineering Controls**

Local and General Ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection	Tight sealing safety goggles. Face protection shield.
Skin and body protection	Wear protective gloves and protective clothing. Wear long-sleeved shirt, long pants, socks and shoes.
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
General Hygiene Considerations	When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical state	Liquid	Odor	Solvent
Appearance	Suspension	Odor threshold	No information available
Color	Light brown		
Property	Values	Remarks • Method	
pH	Not Indicated		
Melting point/freezing point	<35 °F		
Boiling point / boiling range	> 102 °C / 215 °F		
Flash point	34 °C / 94 °F	Tag Closed Cup	
Evaporation rate	No information available		
Flammability (solid, gas)	No information available		
Flammability Limit in Air			
Upper flammability limit:	No information available		
Lower flammability limit:	No information available		
Vapor pressure	No information available		
Vapor density	No information available		
Specific Gravity	1.03		
Water solubility	Suspension		
Solubility in other solvents	No information available		
Partition coefficient	No information available		
Autoignition temperature	No information available		
Decomposition temperature	No information available		
Oxidizing properties	No information available		

Other Information

Density	8.58 pounds/gallon
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10. STABILITY AND REACTIVITY**Reactivity**

No data available

Chemical stability

Stable.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous polymerization

Will not occur.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

Incompatible with strong acids and bases.

Hazardous Decomposition Products

May emit toxic fumes under fire conditions. Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation No data available.

Eye contact No data available.

Skin Contact No data available.

Ingestion No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Trade Secret	= 8400 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 3400 ppm (Rat) 4 h
Trade Secret	= 3280 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	= 18 g/m ³ (Rat) 4 h
Captan 133-06-2	= 3573 mg/kg (Rat) = 9 g/kg (Rat)	> 5 g/kg (Rat) > 5000 mg/kg (Rat)	= 0.72 mg/L (Rat) 4 h
Malathion 121-75-5	= 290 mg/kg (Rat) = 1390 mg/kg (Rat)	= 4100 mg/kg (Rabbit)	= 43790 µg/m ³ (Rat) 4 h
Trade Secret	= 3500 mg/kg (Rat)	> 4350 mg/kg (Rabbit) > 1700 mg/kg (Rabbit)	= 29.08 mg/L (Rat) 4 h = 5000 ppm (Rat) 4 h
Trade Secret	= 1400 mg/kg (Rat)	= 12300 µL/kg (Rabbit)	= 39000 mg/m ³ (Rat) 4 h > 3577 ppm (Rat) 6 h
Carbaryl 63-25-2	= 230 mg/kg (Rat)	= 4 g/kg (Rat) = 2000 mg/kg (Rabbit)	-

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Captan 133-06-2	A3	Group 3		
Malathion 121-75-5		Group 2A		X
Trade Secret		Group 3		
Trade Secret		Group 2B	Reasonably Anticipated	X
Carbaryl 63-25-2		Group 3		X

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2A - Probably Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

Not classifiable as a human carcinogen

NTP (National Toxicology Program)

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen
 OSHA (Occupational Safety and Health Administration of the US Department of Labor)
 X - Present

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Chronic toxicity	Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure. May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects.
Target Organ Effects	blood, Central nervous system, Central Vascular System (CVS), Eyes, Gastrointestinal tract (GI), kidney, Liver, Respiratory system, Skin.
Aspiration hazard	No information available.

Numerical measures of toxicity - Product Information

Unknown Toxicity 0 % of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	4941 mg/kg
ATEmix (dermal)	2860 mg/kg
ATEmix (inhalation-gas)	1250 mg/L
ATEmix (inhalation-dust/mist)	2 mg/L

12. ECOLOGICAL INFORMATION

Ecotoxicity

Very toxic to aquatic life with long lasting effects

7% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Trade Secret		9.22: 96 h Oncorhynchus mykiss mg/L LC50		6.14: 48 h Daphnia magna mg/L EC50
Trade Secret		7.19 - 8.28: 96 h Pimephales promelas mg/L LC50 flow-through		6.14: 48 h Daphnia magna mg/L EC50
Captan 133-06-2		0.3: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 126: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 0.16: 96 h Lepomis macrochirus mg/L LC50 0.047 - 0.111: 96 h Lepomis macrochirus mg/L LC50 flow-through 0.059 - 0.070: 96 h Pimephales promelas mg/L LC50 flow-through 0.075: 96 h Oncorhynchus mykiss mg/L LC50 0.0666 - 0.0804: 96 h Oncorhynchus mykiss mg/L LC50 static 0.119 - 0.167: 96 h Lepomis macrochirus mg/L LC50 static 0.168 - 0.238: 96 h Pimephales promelas mg/L LC50 static		7 - 9.9: 48 h Daphnia magna mg/L EC50 Static
Malathion 121-75-5	4.06: 72 h Pseudokirchneriella subcapitata mg/L EC50	1.2: 96 h Poecilia reticulata mg/L LC50 0.24 - 1.24: 96 h Cyprinus carpio mg/L LC50 static 0.0022 - 0.0074: 96 h Oncorhynchus mykiss mg/L LC50 static 6.45 - 11.5: 96 h Pimephales promelas mg/L LC50 static 0.34: 96 h		0.00014 - 0.014: 48 h Daphnia magna mg/L EC50

		<p>Lepomis macrochirus mg/L LC50 flow-through 9.7: 96 h</p> <p>Oryzias latipes mg/L LC50 static 0.028: 96 h</p> <p>Oncorhynchus mykiss mg/L LC50 12.3 - 16.1: 96 h</p> <p>Pimephales promelas mg/L LC50 flow-through 0.085: 96 h</p> <p>Cyprinus carpio mg/L LC50 semi-static 3.1: 96 h</p> <p>Poecilia reticulata mg/L LC50 static 0.002: 96 h</p> <p>Cyprinus carpio mg/L LC50 0.089: 96 h</p> <p>Lepomis macrochirus mg/L LC50 10.1: 96 h</p> <p>Pimephales promelas mg/L LC50 0.010 - 0.088: 96 h</p> <p>Lepomis macrochirus mg/L LC50 static 0.094 - 0.146: 96 h</p> <p>Oncorhynchus mykiss mg/L LC50 semi-static</p>		
Trade Secret		<p>2.661 - 4.093: 96 h</p> <p>Oncorhynchus mykiss mg/L LC50 static 30.26 - 40.75: 96 h</p> <p>Poecilia reticulata mg/L LC50 static 780: 96 h</p> <p>Cyprinus carpio mg/L LC50 780: 96 h</p> <p>Cyprinus carpio mg/L LC50 semi-static 13.1 - 16.5: 96 h</p> <p>Lepomis macrochirus mg/L LC50 flow-through 7.711 - 9.591: 96 h</p> <p>Lepomis macrochirus mg/L LC50 static 23.53 - 29.97: 96 h</p> <p>Pimephales promelas mg/L LC50 static 13.5 - 17.3: 96 h</p> <p>Oncorhynchus mykiss mg/L LC50 19: 96 h</p> <p>Lepomis macrochirus mg/L LC50 13.4: 96 h</p> <p>Pimephales promelas mg/L LC50 flow-through</p>	EC50 = 0.0084 mg/L 24 h	<p>0.6: 48 h Gammarus lacustris mg/L LC50 3.82: 48 h</p> <p>water flea mg/L EC50</p>
Trade Secret	<p>2.6: 72 h</p> <p>Pseudokirchneriella subcapitata mg/L EC50</p>	<p>4.8: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 6.04 - 6.61: 96 h</p> <p>Pimephales promelas mg/L LC50 flow-through 2.7: 96 h</p> <p>Oncorhynchus mykiss mg/L LC50 semi-static 5.1: 96 h</p> <p>Poecilia reticulata mg/L LC50 semi-static</p>	<p>EC50 = 0.89 mg/L 5 min</p> <p>EC50 = 1.10 mg/L 15 min</p> <p>EC50 = 1.48 mg/L 30 min</p> <p>EC50 = 172 mg/L 24 h</p>	<p>0.6: 48 h Daphnia magna mg/L EC50 7.9 - 14.1: 48 h</p> <p>Daphnia magna mg/L EC50 Static</p>
Carbaryl 63-25-2		<p>3.18 - 4.64: 96 h Poecilia reticulata mg/L LC50 static 4.57 - 5.48: 96 h</p> <p>Pimephales promelas mg/L LC50 flow-through 320: 96 h</p> <p>Oncorhynchus mykiss µg/L LC50 static 1.39 - 2.32: 96 h</p> <p>Lepomis macrochirus mg/L LC50 static 1.03 - 1.38: 96 h</p> <p>Cyprinus carpio mg/L LC50 static 56 - 2250: 96 h</p> <p>Oncorhynchus mykiss µg/L LC50 flow-through 3.4 - 4.5: 96 h</p> <p>Pimephales promelas mg/L LC50 static 3.87 - 10.2: 96 h</p> <p>Lepomis macrochirus mg/L LC50 flow-through</p>	EC50 = 5.0 mg/L 5 min	<p>0.0027 - 0.012: 48 h</p> <p>Daphnia magna mg/L EC50 Static 0.00154 - 0.00439: 48 h</p> <p>Daphnia magna mg/L EC50 Flow through</p>

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

Very toxic to bees.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods**

Disposal of wastes	This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).
Contaminated packaging	Do not reuse container, unless specified by the manufacturer.
US EPA Waste Number	D001

14. TRANSPORT INFORMATION**DOT****Description**

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

PESTICIDES, NOI, INCLUDING DEFOLIANTS, FUNGICIDES, HERBICIDES, OR INSECTICIDES NMFC 155050-6

Freight Description – In our currently available sizes, this product must be Labeled and shipped as:

CONSUMER COMMODITY, ORM-D

15. REGULATORY INFORMATION**U.S. EPA Label Information**

EPA Pesticide Registration Number 4-122-33955

Federal Insecticide, Fungicide, Rodenticide Act Regulations

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

EPA Pesticide Label

Warning. Keep out of the reach of children. Causes substantial but temporary eye injury. Causes skin irritation. Harmful if swallowed. Harmful if inhaled. Do not get in eyes, on skin or on clothing. Avoid breathing spray mist or vapor. Wear coveralls over short sleeved shirt and short pants, socks, chemical resistant footwear, protective eyewear (goggles, face shield, safety glasses), and chemical resistant gloves (barrier laminate or Viton, selection category G).

International Inventories

TSCA	Listed
DSL/NDL	Listed
EINECS/ELINCS	Listed
ENCS	Not Listed
IECSC	Listed
KECL	Listed
PICCS	Listed
AICS	Listed

Legend:**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS** - Japan Existing and New Chemical Substances**IECSC** - China Inventory of Existing Chemical Substances**KECL** - Korean Existing and Evaluated Chemical Substances**PICCS** - Philippines Inventory of Chemicals and Chemical Substances**AICS** - Australian Inventory of Chemical Substances

Chemical Name	TSCA	DSL	NDL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Trade Secret	X	X		X			X	X	X	X
Trade Secret	X	X		X		X	X	X	X	X
Captan	X	X		X		X	X	X	X	X
Malathion		X		X		X	X	X	X	X
Trade Secret	X	X		X		X	X	X	X	X
Trade Secret	X	X		X		X	X	X	X	X
Carbaryl	X		X	X		X	X	X	X	X

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %
Trade Secret -	1.0
Captan - 133-06-2	1.0
Malathion - 121-75-5	1.0
Trade Secret -	1.0
Trade Secret -	1.0
Carbaryl - 63-25-2	1.0

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Captan 133-06-2	10 lb			X
Malathion 121-75-5	100 lb			X
Trade Secret	100 lb			X
Carbaryl 63-25-2	100 lb			X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Captan 133-06-2	10 lb		RQ 10 lb final RQ RQ 4.54 kg final RQ
Malathion 121-75-5	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ

Trade Secret	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
Trade Secret	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Carbaryl 63-25-2	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ

US State Regulations**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Trade Secret	X	X	X
Captan 133-06-2	X	X	X
Malathion 121-75-5	X	X	X
Trade Secret	X	X	X
Trade Secret	X	X	X
Carbaryl 63-25-2	X	X	X

International Regulations**Mexico - Grade**

Serious risk, Grade 3

Chemical Name	Carcinogenicity	Exposure Limits
Captan	A3	Mexico: TWA 5 mg/m ³ Mexico: STEL 15 mg/m ³
Malathion		Mexico: TWA 10 mg/m ³
Trade Secret		Mexico: TWA 100 ppm Mexico: TWA 435 mg/m ³ Mexico: STEL 150 ppm Mexico: STEL 655 mg/m ³
Trade Secret		Mexico: TWA 50 ppm Mexico: TWA 245 mg/m ³ Mexico: STEL 75 ppm Mexico: STEL 365 mg/m ³
Carbaryl		Mexico: TWA 5 mg/m ³ Mexico: STEL 10 mg/m ³

16. OTHER INFORMATION

NFPA	Health hazards 2	Flammability 3	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 2	Flammability 3	Physical hazards 0	Personal protection X

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of PBI Gordon Corporation's knowledge, information and belief at the date of this publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process, unless specified in the text. **PBI GORDON CORPORATION MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE.** Given the variety of factors that can affect the use and application of this product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for user's method of use or application. Each user is also responsible for evaluating the conditions of use and designing the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. PBI Gordon Corporation assumes no responsibility for injury to the

recipient or third persons, or for any damage to any property resulting from misuse of the product.

End of Safety Data Sheet