

# Material Safety Data Sheet

Product Name: Gordon's ORNAMEC 170

MSDS No.: 677-6

Version No.: 010

EPA Registration No.: 2217-751

## 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
2	Flammability
0	Reactivity
B	Pers. Protection

Last Update: 3/29/2010

**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 SUB Z	OSHA PEL	ACGIH TLV	Other Limits
			NTP							
95636	1,2,4-Trimethylbenzene	9.0%	N	N	N	N	Y	NI	25 ppm	25 ppm
100414	Ethyl benzene	1.7%	N	N	N	Y	N	100 ppm	100 ppm	100 ppm
79241466	Fluazifop-p-butyl	1.7%	N	N	N	N	N	NI	NI	0.5mg/m3
64742956	Petroleum solvent	11.3%	N	N	N	Y	N	500 ppm	NI	50 ppm
1330207	Xylenes	0.9%	N	N	N	Y	Y	100 ppm	100 ppm	100 ppm

## 3. Hazardous Identification:

**Hazard Category:**  
 Acute  Chronic  Fire  Pressure  Reactive

**Hazardous Identification Information:**  
 Amber liquid; solvent odor.

Contact, inhalation or swallowing may cause irritation and burning.

Contains solvents; overexposure may damage liver and kidneys, and/or depress the Central Nervous System. Do not induce vomiting if product is swallowed.

## 4. First Aid Measures:

**Route(s) of Entry:**  
 Skin contact, Inhalation, Ingestion.

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

SKIN: Contact may cause moderate to severe irritation to the skin.

INHALATION: Moderately irritating/corrosive to the mucous membranes. Inhalation of sprays may cause burning sensations in the respiratory tract, resulting in coughing.

INGESTION: May be severely irritating to the gastrointestinal system, if swallowed.

CHRONIC EFFECTS: Repeated or prolonged overexposure to solvents may cause damage to liver and kidneys and/or depression of the Central Nervous System.

**Signs and Symptoms:**  
 Inhalation may cause burning in the chest, with coughing. Prolonged

### First Aid Measures (Continued)

inhalation may cause dizziness.

**Medical Conditions Generally Aggravated by Exposure:**  
 NI

### Emergency First Aid Procedure:

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

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

### Other Health Warnings:

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

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## First Aid Measures (Continued)

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 Note to Physician: Contains petroleum distillates - vomiting may cause aspiration pneumonia.

There is no specific antidote. If this product is ingested, do not induce vomiting; avoid aspiration of stomach contents during gastric lavage. Provide supportive therapy.

### 5. Fire Fighting Measures:

Flash Point: 114°F F.P. Method:

Lower Explosive Limit: 1.1°

Upper Explosive Limit: 7.0°

**Fire Extinguishing Media:**

Foam, CO<sub>2</sub>, dry chemical.

**Special Fire Fighting Procedures:**

Wear positive-pressure breathing apparatus and full protective clothing. Fight fire from maximum distance. Stay up wind and out of low areas.

**Unusual Fire and Explosion:**

May be ignited by heat, sparks or flame. Vapors may travel along the ground to a distant source of ignition and flash back. Burning may generate poisonous gases. Runoff from fire control area or dilution water may cause pollution. If surface water is contaminated, contact local authorities.

### 6. Accidental Release Measures:

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

See Section 8 for Personal Protective Equipment. Remove all sources of ignition. Provide good ventilation to the spill area. Contain and absorb spilled material on inert absorbent. Collect into drums; cover and label for disposal. Flush area with water if possible.

### 7. Handling and Storage:

**Precautions to be Taken:**

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse container.

STORAGE: Store in original container only. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth or synthetic absorbent. Remove to chemical waste area.

**Other Precautions:**

Do not use or store near heat or open flame.

### 8. Exposure Controls/Personal Protection:

**Ventilation Requirements:**

Good local ventilation is necessary; mechanical ventilation is recommended if exposure limits may be exceeded.

**Personal Protective Equipment:**

PROTECTIVE CLOTHING: Wear long sleeved shirt, long pants, chemical resistant gloves, shoes and socks.

EYE PROTECTION: Safety glasses with side 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:

## Physical and Chemical Properties (Continued)

Boiling Point: >230°F

Melting Point: NI

Evaporation Rate (Butyl Acetate = 1) : <1

Vapor Pressure (mm Hg.): <2@20°C

Vapor Density (Air = 1): 3.6

Specific Gravity (H<sub>2</sub>O = 1): 0.89037

Solubility in Water: Emulsifiable.

Appearance and Odor: Amber liquid; solvent odor.

**Other Information:**

Density: 7.44 pounds/gallon

Viscosity: 4.8 cp @ 100°F

Freezing point: < 35°F

Percent volatile by volume: 34%

### 10. Stability and Reactivity:

**Stability:**

Stable.

**Incompatibility (Materials to Avoid):**

Strong oxidizing agents.

**Decomposition/By-Products:**

May produce gases such as carbon dioxide, carbon monoxide, nitrogen oxides and halogens when burning.

**Hazardous Polymerization:**

Will not occur.

### 11. Toxicological Information:

No toxicological data available.

### 12. Ecological Information:

This product is toxic to fish. 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. Do not contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift from target area.

### 13. Disposal Considerations:

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## Disposal Considerations (Continued)

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

[For Plastic Containers - Nonrefillable with capacities equal to or less than 5 gallons:]

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Triple rinse [or pressure rinse] container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

[Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.]

[For Plastic Containers - Nonrefillable with capacities greater than 5 gallons:]

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Triple rinse [or pressure rinse] container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

[Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.]

[For Refillable Containers:]

CONTAINER HANDLING: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

Container cleaning: Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or

## Disposal Considerations (Continued)

recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

### 14. Transport Information:

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

Freight Class: PESTICIDES, NOI - NMFC #155050-6

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: 11111 pounds of the formulation which contains 100 pounds of Xylenes

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: 1,2,4-Trimethylbenzene, CAS# 95-63-6,  
Xylenes, CAS# 1330-20-7, Ethyl benzene, CAS# 100-41-4

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 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, 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.