

# Material Safety Data Sheet

Product Name: PONDMASTER Aquatic Herbicide

MSDS No.: 737-3

Version No.: 001

EPA Registration No.: 67690-25-2217

## 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
1	Flammability
0	Reactivity
B	Pers. Protection

Last Update: 8/2/2005

**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	ACGIH	Other
			NTP	SUB Z	Sub Z	Sub Z	PEL	TLV	Limits		
13426910	Cupriethylene-diamine solution	16.5	N	N	N	N	N	NI	NI	NI	

## 3. Hazardous Identification:

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

**Hazardous Identification Information:**  
 Dark purple odorless liquid.

Contact irritant. May be toxic if inhaled or ingested.

## 4. First Aid Measures:

**Route(s) of Entry:**

Contact, inhalation or ingestion.

**Health Hazards (Acute and Chronic):**

EYES: Contact may cause moderate irritation. May cause redness, swelling and discharge, but irritation is reversible.

SKIN: Slightly toxic; slight skin irritant.

INHALATION: May be toxic if mists are inhaled.

INGESTION: Moderately toxic by ingestion.

**Signs and Symptoms:**

NI

**Medical Conditions Generally Aggravated by Exposure:**

NI

**Emergency First Aid Procedure:**

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

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

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

IF IN EYES: Flush with plenty of water. Get medical attention if irritation

## First Aid Measures (Continued)

persists.

**Other Health Warnings:**

For medical emergencies involving this product, call toll free 1-800-237-1854.

## 5. Fire Fighting Measures:

**Flash Point:** 105°F **F.P. Method:** PM Closed Cup

**Lower Explosive Limit:** NI

**Upper Explosive Limit:** NI

**Fire Extinguishing Media:**

Foam, CO<sub>2</sub>, 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:**

Wear protective clothing and self-contained breathing apparatus.

**Unusual Fire and Explosion:**

None.

## 6. Accidental Release Measures:

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

See Section 8 for Personal Protective Equipment. Contain and collect the spilled material with inert absorbent, and place in containers for proper disposal.

## 7. Handling and Storage:

**Precautions to be Taken:**

Keep from children and pets. Do not contaminate water, food or feed by storage. Store at temperatures below 35°C (95°F). Average shelf-life is 2 years, under proper storage conditions.

**Other Precautions:**

Product should not be applied when water temperature is below 60°F.

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## 8. 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: 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.

## 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):** 1.22000

**Solubility in Water:** Soluble.

**Appearance and Odor:** Dark purple odorless liquid.

**Other Information:**

pH: 9.6

Density: 10.16 pounds/gallon

## 10. Stability and Reactivity:

**Stability:**  
Stable.

**Incompatibility (Materials to Avoid):**

Do not use where pH of water is below 6. Copper chelate may dissociate and release copper ions which could subsequently be precipitated as insoluble copper salts.

**Decomposition/By-Products:**

Decomposes above 200°C (392°F).

**Hazardous Polymerization:**

Will not occur.

## 11. Toxicological Information:

Acute dermal LD50: >2000 mg/kg body weight

Acute inhalation LC50 (4H): 0.81 mg/L (rat)

Oral LD50: 498 mg/kg body weight.

## 12. Ecological Information:

This product may be toxic to fish. Trout and other species of fish may be killed at application rates recommended on this label. Generally, fish toxicity is reduced as water hardness increases. Consult State Fish and Game Agency before applying this product to public waters.

## 13. Disposal Considerations:

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## 14. Transport Information:

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

Freight Class: Herbicides, NOI - NMFC #50320

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: 30303 pounds of the formulation which contains 5000 pounds of Copper Ethylene Diamine Complex.

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: None

SECTION 311/312 HAZARD CATEGORIES: Immediate Health

Hazard

SECTION 313 TOXIC CHEMICALS: Copper compounds

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: New MSDS in 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.