

# Material Safety Data Sheet

Product Name: BOV-A-MURA Liquid Organic Fertilizer 5-0-0

MSDS No.: 793-6

Version No.: 008

EPA Registration No.: N/A

## 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:** 10/2/00

**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 |   | PEL      | TLV | Limits |       |       |
| 6152336 | Sodium o-phenylphenate tetrahydrate | <2      | N   | N | N     | N | N        | NI  | NI     | NI    |       |

## 3. Hazardous Identification:

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

**Hazardous Identification Information:**  
 Light brown suspension; dairy barn manure odor.  
 Irritant.

## 4. First Aid Measures:

**Route(s) of Entry:**  
 Oral, dermal.  
**Health Hazards (Acute and Chronic):**  
 EYES: Contact may cause irritation.

SKIN: May cause minor irritation.  
 INHALATION: May irritate the respiratory tract.  
 INGESTION: May irritate the gastrointestinal tract.

**Signs and Symptoms:**  
 NI  
**Medical Conditions Generally Aggravated by Exposure:**  
 NI

**Emergency First Aid Procedure:**  
 EYES: Flush eyes with clean water for 10-15 minutes, holding lids open. If irritation persists, seek medical attention.

SKIN: Remove contaminated clothing. Bathe and shampoo with soap and water to remove compound from skin and hair. If irritation persists, seek medical attention.  
 INHALATION: Remove victim to fresh air; apply artificial respiration if needed. If irritation persists, seek medical attention.

INGESTION: Call a physician or Poison Control Center for assistance.  
**Other Health Warnings:**  
 NI

## 5. Fire Fighting Measures:

**Flash Point:** >220°F    **F.P. Method:**  
**Lower Explosive Limit:** NI  
**Upper Explosive Limit:** NI  
**Fire Extinguishing Media:**  
 Foam, CO2, dry chemical, water.  
**Special Fire Fighting Procedures:**  
 NI  
**Unusual Fire and Explosion:**  
 NI

## 6. Accidental Release Measures:

**Steps to be Taken in Case Material is Released or Spilled:**  
 See Section 8 for Personal Protective Equipment. Collect the spilled material for reuse (if possible), or for proper disposal. Flush the area with water; keep rinse water from polluting surface water.

## 7. Handling and Storage:

**Precautions to be Taken:**  
 Store in the original closed container in a dry area that is inaccessible to children or pets. Keep from freezing.

Avoid cross-contamination with food, feed, pesticides, or other agricultural chemicals.

**Other Precautions:**  
 Do not reuse empty container.

## 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.

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## Exposure Controls/Personal Protection (Continued)

EYE PROTECTION: Safety glasses with side shields or safety goggles.

RESPIRATORY PROTECTION: Not normally required. 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:** >210°F

**Melting Point:** NI

**Evaporation Rate (Butyl Acetate = 1):** <1

**Vapor Pressure (mm Hg.):** <17@20°C

**Vapor Density (Air = 1):** >1

**Specific Gravity (H2O = 1):** 1.02000

**Solubility in Water:** Infinite.

**Appearance and Odor:** Lt. brown suspension; manure odor

**Other Information:**

pH: 7-8

Freezing Point: <35°F

Density: 8.9 pounds/gallon

### 10. Stability and Reactivity:

**Stability:**

Stable.

**Incompatibility (Materials to Avoid):**

None known.

**Decomposition/By-Products:**

None known.

**Hazardous Polymerization:**

Will not occur.

### 11. Toxicological Information:

No toxicological data available.

### 12. Ecological Information:

NI

### 13. Disposal Considerations:

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 Dept.

Freight Class: Fertilizing Compounds, NOI - NMFC #68140, sub 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: All the ingredients in this mixture are on the TSCA Chemical Substances Inventory.

## Regulatory Information (Continued)

CERCLA REPORTABLE QUANTITY: None

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: None

SECTION 311/312 HAZARD CATEGORIES: Immediate Health Hazard

SECTION 313 TOXIC CHEMICALS: None

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, 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.