

## SAFETY DATA SHEET (SDS)

## I. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Sphere o' Life Ambulant Moly  
 Common Name: Liquid fertilizer  
 Identified Uses: Agriculture. Not for human consumption.

Supplier:  
 AgVent LLC  
 1231 E 1420 N  
 Richfield, ID  
 83349

Supplier's Telephone # : 1-208-401-6631 (9am-5pm PST Monday to Friday)  
 CHEMTREC  
 Emergency Telephone: (800) 424-9300

## II. HAZARDS IDENTIFICATION

Classification:  
 Eye Irritant 2B H320  
 Oral Irritant 5 H303  
 Skin Irritant 3 H316  
 STOTRE 2 H373  
 Aquatic Acute 3 H402



Hazard pictogram:

Signal word: Warning

Hazard statements: H320 – May cause eye irritation  
 H303 – May be harmful if swallowed  
 H316 – May skin irritation  
 H373 – May cause damage to organs through repeated exposure (ingestion) H402 – May be harmful to aquatic life

Precautionary statements: P264 – Wash thoroughly after handling  
 P270 – Do not eat, drink, or smoke when using this product.  
 P273 – Avoid release to environment.  
 P303 – Rinse mouth  
 P302+P352 – If on skin: Wash with plenty of soap and water  
 P308+P313 – If exposed or concerned: Get medical advice/attention  
 P305+P351+P338 – If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P301+312 – If swallowed, call a poison center/doctor if you feel unwell  
 P332+P313 – If skin irritation occurs: Get medical advice/attention  
 P337+P313 – If eye irritation occurs: Get medical advice/attention  
 P501 – Dispose of contents/container in accordance with local/regional/national regulations

## III. COMPOSITION/INFORMATION ON INGREDIENTS

Blend of the following ingredients:

| Chemical Compound | CAS Number |
|-------------------|------------|
| Sodium Molybdate  | 10102-40-6 |

\*Ingredients not specifically listed are non-hazardous and are considered to be confidential

#### IV. FIRST AID MEASURES

|               |   |
|---------------|---|
| If in Eyes:   | Hold eyelid 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. If irritation develops and persists, call a poison control center or doctor immediately for treatment advice. |
| If on Skin:   | Take off contaminated clothing. Rinse skin immediately with plenty of soap and water for 15-20 minutes. If irritation persists, call a poison control center or doctor immediately for treatment advice.  |
| If Swallowed: | Give large quantities of water and do not induce vomiting. Do not give anything to an unconscious or convulsing person. Call a poison control center or doctor immediately for treatment advice.  |

Hotline Number: Have the product container or label with you when calling a poison control center or doctor or going for treatment. In case of emergency, call ChemTrec at 1-800-424-9300.

#### V. FIRE FIGHTING MEASURES

|                               |  |
|-------------------------------|--|
| Firefighting notes:           | Material not flammable.                                |
| Suitable extinguishing media: | Use extinguishing media for surrounding cause of fire. |

#### VI. ACCIDENTAL RELEASE MEASURES

|                  |   |
|------------------|---|
| Spill procedure: | Capture product and reuse material if uncontaminated. If contaminated, place in a suitable container for proper disposal. |
| Clean-up         | Mop, vacuum, scoop, or sweep up material and place in container for disposal.   |

#### VII. HANDLING AND STORAGE

|                                |   |
|--------------------------------|---|
| Precautions for safe handling: | Keep out of reach of children.  |
| Storage Conditions:            | Keep in closed container and properly labeled. May be corrosive to copper, brass or mild steel. |

#### VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

|                    |   |
|--------------------|---|
| Hand protection:   | Wash thoroughly after handling.   |
| Eye protection:    | Wear protective eyewear if exposure is expected.  |
| Other information: | Do not eat, drink, or use tobacco during use. Practice good hygiene after use of this material; especially before eating, drinking, smoking, using the toilet, or applying cosmetics. |

| IX. | PHYSICAL AND CHEMICAL PROPERTIES |
|-----|----------------------------------|
|-----|----------------------------------|

|                            |                          |
|----------------------------|--------------------------|
| Physical description:      | Liquid                   |
| Color:                     | Clear to brownish yellow |
| Odor:                      | No data available        |
| Odor threshold:            | No data available        |
| Vapor density:             | No data available        |
| pH:                        | 5.0                      |
| Relative density:          | 1.045                    |
| Melting/freezing point:    | No data available        |
| Solubility:                | Soluble in water         |
| Boiling point:             | No data available        |
| Flash point:               | No data available        |
| Flammability:              | No data available        |
| Vapor Pressure:            | No data available        |
| Partition coefficient:     | No data available        |
| Auto-ignition temperature: | No data available        |
| Viscosity:                 | No data available        |

| X. | STABILITY AND REACTIVITY |
|----|--------------------------|
|----|--------------------------|

|                                       |  |
|---------------------------------------|--|
| Chemical stability:                   | Stable.  |
| Incompatibility with other materials: | Strong acids, strong bases, strong oxidizers, water reactive materials.          |
| Hazardous combustion:                 | Will not occur.  |
| Hazardous polymerization:             | Will not occur.  |
| Hazardous decomposition products:     | When heated in a fire, may form manganese oxide, carbon monoxide, sulfur dioxide |

| XI. | TOXICOLOGY |
|-----|------------|
|-----|------------|

|                           |  |
|---------------------------|--|
| Potential acute toxicity: |  |
| Eyes:                     | May cause eye irritation.                |
| Skin:                     | May cause skin irritation.               |
| Ingestion:                | May cause nausea, vomiting, or diarrhea. |

| Chemical Compound     | LD50 oral        | LD50 dermal  |
|-----------------------|------------------|--------------|
| Molybdenum ingredient | 4233 mg/kg (rat) | >2,000 mg/kg |

|  |  |
|--|--|
| Potential chronic toxicity:  |  |
| Chronic effects:   | Manganese is a possible mutagen                                      |
| Carcinogenic effects:  | No known significant effects or critical hazards. Mutagenic effects: |
| No known significant effects or critical hazards. Reproductive toxicity: | No known significant effects or critical hazards.                    |
| Target Organs:   | Central nervous system, lungs  |

| XII. | ECOLOGICAL INFORMATION |
|------|------------------------|
|------|------------------------|

|                       |  |
|-----------------------|--|
| Aquatic ecotoxicity:  |  |
| Chemical Compound     | Toxicity   |
| Molybdenum ingredient | >79800 µg/L 96 hour LC50 (Mortality) striped bass ( <i>Morone saxatilis</i> ), 2650000 µg/L 96 week EC50 |

|  |  |
|--|--|
|  | (Immobilization) amphipod ( <i>Crangonyx pseudogracilis</i> ), 960000 µg/L 48 week<br>(Cytogenetic) flagellate euglenoid<br>( <i>Euglena gracilis</i> ), 960 µg/L 7 day LC50 (Mortality) narrow mouthed frog ( <i>Microhyla carolinensis</i> ) |
|--|--|

Biodegradability: Not determined  
Environmental Precautions: No known significant effects or critical hazards  
Mobility: Not available  
Other Adverse Effects: No known significant effects or critical hazards

Labels Required: None  
Placarding: None

### XIII. DISPOSAL CONSIDERATIONS

Waste Disposal Method: This material must be disposed of according to federal, state, or local procedures under the resource conservation and recovery act.  
Container Disposal: Triple rinse and dispose of in accordance the federal, state, and local laws and regulations

### XIV. TRANSPORT INFORMATION

### XV. REGULATORY INFORMATION

Shipping Name: Not regulated by DOT  
Hazard Class: None  
Identification No.: None

TSCA Inventory: All components are listed on the TSCA inventory.

SARA Title III Information:

Section 302: None listed  
Section 311/312: Acute, Chronic  
Section 313: None listed

California Proposition 65: This product contains chemical(s) known to the State of California to cause cancer and birth defects or reproductive harm.

U.S. State Worker and Community Right-To-Know (RTK) Information:

Canadian Domestic Substances List: All components are listed.

### XVI. OTHER INFORMATION

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