

## 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, OR  
 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 (Cytogenetic) flagellate euglenoid ( <i>Euglena gracilis</i> ), 960 µg/L 7 day LC50 (Mortality) narrow mouthed frog ( <i>Microhyla carolinensis</i> )
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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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