



Safety Data Sheet

BioMin[®] Molybdenum

SECTION 1: Product and Company Identification

Product name: BioMin Molybdenum
Product code:
Product use: Plant fertilizer
Product type: Solid, powder

Importer & Distributor:

Roots, Shoots & Fruits Ltd.
PO Box 72, Waiheke Island
Auckland, New Zealand 1840
Ph: (09) 372 9155

Manufacturer:

JH Biotech, Inc.
4951 Olivas Park Drive, Ventura, CA 93030
Ph: (805)650-8933
Fax: (805)650-8942

24 hour emergency contact within NZ is 0800 764 766 (0800 POISON)

SECTION 2: Hazards Identification

Contact with eyes may cause irritation. Inhalation of dust may cause nose, throat, or respiratory irritation. May be harmful if swallowed.

SECTION 3: Composition/Information on Ingredients

| Component | CAS No. |
|--------------------|------------|
| Sodium molybdate | 10102-40-6 |
| Hydrolysed protein | N/A |

SECTION 4: First Aid Measures

Inhalation: Remove from source of exposure. Get medical attention if necessary.
Skin contact: Wash thoroughly with soap and water. Get medical attention if necessary.
Eye contact: Wash eyes with plenty of water for at least 15 minutes. Be sure to remove contact lenses. Get medical attention if necessary.
Ingestion: Wash out mouth with plenty of water. Do not induce vomiting. Get medical attention if necessary.

SECTION 5: Firefighting Measures

Suitable extinguishing media

Water spray, dry chemical, carbon dioxide, foam

Special hazards arising from the substance or mixture

Not available

Protection for firefighters

Wear protective clothing and equipment



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SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Wear protective clothing, gloves, and safety eye goggles.

Environmental precautions

Not available

Methods and material for containment and cleaning up

Contain all spills and leaks to prevent discharge into the environment. Use appropriate tools to transfer spill material to proper disposal container. Or recover material and use it for its intended purpose.

SECTION 7: Handling and Storage

Precautions for safe handling

Avoid overheating or freezing

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area away from direct sunlight. Keep containers tightly closed when not in use.

Specific end use(s)

Not available

SECTION 8: Exposure Controls/Personal Protection

Personal Protection

Eye protection: Eye protection is not required. To avoid contact with eyes, use safety eye goggles.

Skin protection: Wear protective clothing as necessary to minimize contact. Use chemical resistant gloves.

Respiratory protection: Not required

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

| | |
|------------------------------|---------------------|
| Appearance | White pinkish color |
| Odor | No offensive odor |
| pH | 7 - 8.5 |
| Melting point/freezing point | Not available |
| Boiling point | 100°C/212°F |
| Flash point | Not available |
| Evaporation rate | Not available |
| Flammability | Not available |
| Explosive limits | Not available |
| Vapor pressure | Not available |



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| | |
|---------------------------|------------------|
| Vapor density | Not available |
| Relative density | 0.90 g/cc |
| Solubility | Soluble in water |
| Partition coefficient | Not available |
| Auto-ignition temperature | Not available |
| Decomposition temperature | Not available |
| Viscosity | Not available |
| Explosive properties | Non explosive |
| Oxidizing properties | Not available |

SECTION 10: Stability and Reactivity

Reactivity

Not available

Chemical stability

Product is stable.

Possibility of hazardous reactions

Under normal conditions, hazardous reaction will not occur.

Conditions to avoid

Avoid heat

Incompatible materials

Acidic solutions of pH less than 4

Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological Information

Information on toxicological effects

| | |
|------------------------|---------------|
| Acute toxicity: | Not available |
| Irritation: | Not available |
| Corrosivity: | Not available |
| Sensitization: | Not available |
| Dose toxicity: | Not available |
| Carcinogenicity: | Not available |
| Mutagenicity: | Not available |
| Reproductive toxicity: | Not available |

SECTION 12: Ecological Information

Ecotoxicity

Not available

Persistence and degradability



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Not available

Bioaccumulative potential

Not available

Mobility in soil

Not available

SECTION 13: Disposal Considerations

Waste treatment methods

Not hazardous waste. Dispose of product in accordance with regulations.

SECTION 14: Transport Information

UN number: Not available

UN proper shipping name: Not available

Transport hazard class(es): Not available

Packing group: Not available

Environmental hazards: Not available

Special precautions for user: Not available

SECTION 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the product

Not available

SECTION 16: Other Information

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