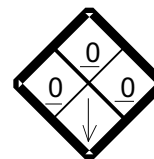


Lilly Miller Brands

| | |
|---------------------|---|
| Health Hazard | 0 |
| Fire Hazard | 0 |
| Reactivity | 0 |
| Personal Protection | A |

HMIS RATING

MATERIAL SAFETY DATA SHEET



NFPA RATING

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Lilly Miller Moss Out! for Roofs and Structures
Dry Formula

MSDS Number: LM-033

Generic Name: Moss eradicator

EPA Reg. No.: 802-591

Manufacturer: Lilly Miller Brands

Revision Number: New

Address: 16201 SE 98th Avenue
Clackamas, OR 97015

Date Issued: May 17, 2001

Manufacturer's Phone Number: 503-650-4400

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS Number | % | TLV | PEL |
|---------------------------------|------------|----|-----------------------------|-----------------------------|
| Zinc sulfate monohydrate | 7446-19-7 | 99 | 10 mg/m ³ (PNOC) | 10 mg/m ³ (PNOR) |
| Inert Non-hazardous ingredients | Mixture | 1 | N/D | N/D |

Key: TLV = ACGIH, 8 hr. time weighted average (TWA); PEL = OSHA permissible exposure limit.

PNOC = Particulates Not Otherwise Classified (ACGIH - Total dust)

PNOR = Particulates Not Otherwise Regulated (OSHA - Total dust)

SECTION III - HAZARDS IDENTIFICATION

Emergency Overview: This product is considered a nuisance dust which represents a minimal risk to health under recommended application conditions. Wash hands and exposed skin with soap and water after using this product.

HMIS Rating: Health: 0 Fire: 0 Reactivity: 0 Personal Protection: A

Potential Health Effects:

Routes of Entry: Inhalation, skin contact, eye contact, ingestion

Inhalation: Overexposure to dust may cause transitory upper respiratory irritation.

Skin Contact: May cause mechanical irritation.

Eye Contact: Dusts may cause stinging and irritation. Can cause corneal injury due to mechanical action.

Ingestion: Ingestion of large quantities may cause fever, nausea, stomach cramps or diarrhea and may be irritating to the G.I. system.

Medical Conditions Aggravated by Exposure: May cause upper respiratory irritation, and may aggravate pre-existing respiratory conditions.

Carcinogenicity: Not listed by NTP or IARC. Not regulated as a carcinogen by OSHA.

SECTION IV - FIRST AID MEASURES

Inhalation: Move to an area free from risk of further exposure. Treat symptomatically if required. No adverse effects anticipated by this route of exposure incidental to proper handling.

Eye Contact: Flush with clean, lukewarm water at low pressure. Seek medical attention if irritation persists.

Skin Contact: Wash affected areas thoroughly with soap and warm water immediately after use of this product.

Ingestion: Ingestion of large quantities may be irritating to the GI tract, requiring symptomatic treatment.

SECTION V - FIREFIGHTING MEASURES

NFPA Rating: Health: 0 Fire: 0 Reactivity: 0 Other: 0

Flash point and Method: This product is non-flammable

Extinguishing Method: Not required.

Fire or Explosion Hazards: This product will not burn.

Special Firefighting Procedures: Not applicable.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Clean-up Procedures: Pick up or shovel material into waste container taking care to minimize dust. Wet down if necessary to control dust. Vacuum clean dust.

Personal Precautions: If dusty conditions exist, wear a face mask approved for use with dusts such as 3M 8511 N-95 or equivalent.

Environmental Precautions: Keep major spills from entering lakes and waterways.

SECTION VII - HANDLING AND STORAGE

Storage Temperature: Not affected by extremes of ambient temperature.

Shelf Life: Indefinite.

Special Sensitivity: None.

Handling and Storage Precautions: Avoid eye contact and avoid breathing dusts if generated. Good housekeeping is recommended to prevent the accumulation of dust.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: If dusty conditions exist, wear a face mask approved for use with dusts such as 3M 8511 N-95 or equivalent.

Eye Protection: Use safety glasses if there is potential for exposure to particles which could cause mechanical injury to the eyes.

Skin Protection: None needed under normal conditions of use.

Engineering Controls: Product is to be used out of doors.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Grayish powder.

Odor: Negligible

Specific Gravity: N/D

Bulk Density: N/D

pH: N/D

Solubility in Water: Nil

% Volatile by Weight (VOC): Nil

SECTION X - REACTIVITY

Stability : This is stable material.

Hazardous Polymerization: Will not occur.

Incompatibilities: None in designed use.

Decomposition Products: CO, CO₂, irritating hydrocarbon particulate.

SECTION XI - TOXICOLOGICAL/ECOLOGICAL INFORMATION

Ecological Concerns: Lilly Miller Moss Out! for Roofs and Structures Dry Formula is a moss eradicator. It is toxic to fish and aquatic invertebrates. Do not apply directly to lakes, rivers or streams. Do not contaminate water sources when disposing of equipment washwater.

SECTION XII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Securely wrap original container in several layers of newspaper and discard in trash. This product is toxic to fish and aquatic invertebrates. Do not apply directly to lakes, rivers or streams. Do not contaminate water sources when disposing of equipment washwater.

SECTION XIII - TRANSPORTATION INFORMATION

DOT Shipping Name: Not regulated

DOT Label: None

Technical Shipping Name: None

DOT Placard: None

DOT Hazard Class: None

UN/NA Number: None

SECTION XIV - REGULATORY INFORMATION

OSHA Status: This product is regulated under OSHA criteria as a nuisance dust.

EPA Reg. No.: 802-591

TSCA Status: All applicable chemicals are registered under TSCA.

CERCLA Reportable Quantity: Not regulated under CERCLA.

SARA Title III: Not regulated under SARA Title III.

Section 302, Extremely Hazardous: N/A

Section 311/312 Hazard Categories: N/A.

Section 313 Toxic Chemicals: N/A

RCRA Status: Not regulated under RCRA

SECTION XV - APPROVALS

Reason for issue: New MSDS

Approval Date: May 17, 2001

Prepared by: Compliance Consulting Group, Inc.
303-795-2060

Supersedes Date: None

SECTION XVI - DISCLAIMER

As of the date of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state laws. However, no warranty or representation of law or fact, with respect to such information, is intended or given.