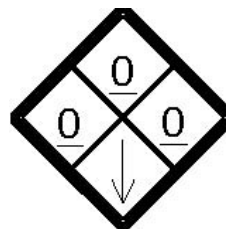


**Lilly Miller Brands**  
**MATERIAL SAFETY DATA SHEET**

**HMIS RATING**

<b>Health Hazard</b>	<b>4</b>
<b>Fire Hazard</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>A</b>

**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:** 2

**Address:** 1340 Treat Blvd, Suite 650  
Walnut Creek, CA 94597

**Date Issued:** June 19, 2009

**Manufacturer's Phone Number:** 800-265-0761

**SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Chemical Name</b>	<b>CAS Number</b>	<b>%</b>	<b>TLV</b>	<b>PEL</b>
Zinc sulfate monohydrate	7446-19-7	99	10 mg/m <sup>3</sup> (PNOC)	10 mg/m <sup>3</sup> (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:** Product is corrosive and causes irreversible eye damage. Harmful if swallowed, absorbed through the skin or inhaled. Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing dust or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**HMIS Rating: Health:** 4

**Fire:** 0

**Reactivity:** 0

**Personal Protection:** A

**Potential Health Effects:**

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

**Inhalation:** Overexposure to dust causes transitory upper respiratory irritation.

**Skin Contact:** Causes mechanical irritation.

**Eye Contact:** Corrosive. Causes irreversible eye damage. Dusts during application may cause stinging and irritation.

**Ingestion:** Corrosive. Ingestion of large quantities causes fever, nausea, stomach cramps or diarrhea and is irritating to the G.I. system.

**Medical Conditions Aggravated by Exposure:** Causes upper respiratory irritation and may aggravate pre-existing respiratory conditions.

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

TRADE NAME: LM MOSS OUT! FOR ROOFS AND STRUCTURES DRY FORMULA

#### SECTION IV - FIRST AID MEASURES

**Inhalation:** Remove person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

**Eye Contact:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

**Skin Contact:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**Ingestion:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

#### 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:** Store this product in its original container and keep in a locked storage area out of reach of children and domestic animals. 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.

TRADE NAME: LM MOSS OUT! FOR ROOFS AND STRUCTURES DRY FORMULA

## 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, CO<sub>2</sub>, 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:** If empty: Do not reuse this container. Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor drain or outdoor drain. 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

TRADE NAME: LM MOSS OUT! FOR ROOFS AND STRUCTURES DRY FORMULA

<b>SECTION XV - APPROVALS</b>
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**Approval Date:** June 19, 2009

<b>SECTION XVI - DISCLAIMER</b>
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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.