

## MATERIAL SAFETY DATA SHEET

PRODUCT NAME: LILLY MILLER GRANULAR NOXALL VEGETATION KILLER

EPA Reg. No.: 802-536

Date of Preparation: 08/02/06

NFPA HAZARD RATINGS: Health(1), Fire(1), Reactivity(0). *{(0)least (1)slight (2)moderate (3)high (4)extreme.}*

### Section 1-CHEMICAL PRODUCT and COMPANY IDENTIFICATION

Manufacturer: LILLY MILLER BRANDS

1340 Treat Blvd. Suite 650

Walnut Creek CA 94597

Emergency Telephone: 503-205-3273

Internet: www.lillymiller.com

### Section 2-COMPOSITION/INFORMATION on HAZARDOUS INGREDIENTS

CHEMICAL NAME/SYNONYM(S)	CAS NO.	ACGIH TLV	OSHA PEL
2,6-Dichlorobenzonitrile (Dichlobenil)	1194-65-6	not listed	not listed
Quartz	1480-86-7	0.05 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>

### Section 3-HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Potential Health Effects: Primary Entry Routes: Eyes, skin, lungs (breathing). Target Organs: Eyes, skin, lungs. Acute Effects: *Eye:* May cause irritation, redness or burning. *Skin:* May cause irritation or redness. Breathing: long term inhalation may cause delayed lung injury.

Medical Conditions Aggravated by Long-Term Exposure: Persons with existing skin lesions should exercise caution when using or handling this product.

### Section 4-FIRST AID MEASURES

Eye Contact: Flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek medical attention. Skin Contact: Wash affected area with mild soap and water to remove chemical from skin or hair. Get medical attention if irritation persists or develops. Launder contaminated clothing separately prior to reuse. Inhalation: Remove to fresh air. Administer artificial respiration if necessary. Ingestion: Call a physician or Poison Control Center immediately. Administer 1 or 2 glasses of water and induce vomiting by touching back of throat with finger.

### Section 5-FIRE FIGHTING MEASURES

Flash Point: NA. Flammability Classification: Non-flammable. Extinguishing Media for Surrounding Area: Water spray, dry chemical, carbon dioxide, foam.

Hazardous Combustion Products: Burning product may produce irritating or poisonous gases. Fire-Fighting Instructions: Fire fighters should wear full protective equipment and self-contained breathing apparatus. Prevent runoff from entering water systems. Keep non-essential personnel out of fire area.

### Section 6-ACCIDENTAL RELEASE MEASURES

Spill/Leak Procedures: See Section 8 for Personal Protective Equipment. Contain spill and collect for reuse or disposal. Prevent spill from entering water systems.

### Section 7- HANDLING and STORAGE

Handling Precautions: Avoid contact with skin, eyes and clothing. Avoid inhalation of dust. Wash after handling. Do not contaminate water by disposal of equipment wash waters. Storage Requirements: Store in original container in a cool, dry area preferably locked and out of reach of children. Do not contaminate water, food or feed by storage or disposal.

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### Section 8-EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: If exposure limits may be exceeded, wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with any N, R, P or HE filter. Protective Clothing/Equipment: Pants, long sleeved shirt; shoes with socks; chemical resistant gloves. Eye Protection: Safety glasses with side shields or safety goggles. Ventilation: Good local ventilation is required. If applied in an enclosed area, mechanical exhaust may be necessary.

### Section 9-PHYSICAL/CHEMICAL PROPERTIES

Physical State: Tan granules; pungent odor. Slightly soluble in water.

### Section 10-STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use and storage. Polymerization: NO. Chemical Incompatibilities: Extreme heat causes product to sublime or evaporate. Hazardous Decomposition Products: None known.

### Section 11-TOXICOLOGICAL INFORMATION

Dermal LD<sub>50</sub>: >1,350mg/kg body weight. Oral LD<sub>50</sub>: >3,160 mg/kg body weight.  
Positive Teratogen/Mutagen/Carcinogen (NTP): Quartz (yes). Potential Carcinogen OSHA/IARC: Quartz (yes).

### Section 12-ECOLOGICAL INFORMATION

Keep out of any body of water. Do not contaminate waters when disposing of equipment wash waters.

### Section 13-DISPOSAL CONSIDERATIONS

Disposal: Consult local, state or federal regulatory agencies for acceptable disposal procedures and locations. Disposal in waterways or sewers may be prohibited.

### Section 14-TRANSPORT INFORMATION

DOT Transportation Data (49 CFR 172.101): (domestic ground transport):Freight Class: Herbicides, NOI-NMFC #50320

### Section 15-REGULATORY INFORMATION

OSHA Status: Product hazardous under Hazard Communication Standard 29 CFR 1910.1200. State Regulations: Check with specific state authorities since regulations vary within the states. SARA Title III: Section 302: Not listed. SARA Title III: Sections 311/312: Immediate Health Hazard. SARA Title III: Section 313: Not listed. TSCA: Exempt under FIFRA Sec. 3 (2)(B)(ii) when used as a pesticide. CERCLA RQ: 2,500 pounds of formulation (100 pounds of dichlobenil). RCRA: If discarded in its purchased form, the product would not be a hazardous waste either by listing or by characteristic. However, under RCRA it is the responsibility of the user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste (40 CFR 261.20-24)

### Section 16-OTHER INFORMATION

Format similar to ANSI Z400.1-2004  
ND= Not Determined; NA= Not Applicable; NIA= No Information Available