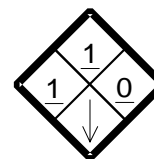


Lilly Miller Brands

Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	C

HMIS RATING

MATERIAL SAFETY DATA SHEET



NFPA RATING

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Lilly Miller Dormant Spray for Insects
Lilly Miller Superior Type Spray Oil

MSDS Number: LM-022

Generic Name: Garden insecticide

EPA Reg. No.: 802-415

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
Petroleum Oil	64742-55-8	99	5 mg/m ³	5 mg/m ³
Non-hazardous inert ingredients	Mixture	1	N/A	N/A

Key: Exposure limits are for oil mists or aerosols. TLV = ACGIH, 8 hr. time weighted average (TWA); PEL = OSHA permissible exposure limit.

SECTION III - HAZARDS IDENTIFICATION

Emergency Overview: This product is a light paraffinic oil and presents a minimal risk to health. Wash hands and exposed skin with soap and water after using this product.

HMIS Rating: **Health:** 1 **Fire:** 1 **Reactivity:** 0 **Personal Protection:** C

Potential Health Effects:

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

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

Skin Contact: Essentially non-irritating to the skin.

Eye Contact: Mists may cause irritation to eyes.

Ingestion: Ingestion of large quantities 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 copious quantities of clean, lukewarm water at low pressure for, at least, 15 minutes. 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: 1 Fire: 1 Reactivity: 0 Other: 0

Flash point and Method: 182° C, Cleveland open cup

Lower Flammable Limit: 0.9% **Upper Flammable Limit:** 7%

Extinguishing Method: Foam, water spray, dry chemical, carbon dioxide and vaporizing liquid type extinguishers are suitable for extinguishing fires involving this type of product.

Hazardous products of combustion: Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and hydrocarbon particulate.

Special Firefighting Procedures: None for household quantities of this product.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Clean-up Procedures: Wipe up material and place into waste container.

Personal Precautions: Wear oil resistant gloves.

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: Not determined.

Special Sensitivity: None.

Handling and Storage Precautions: No special requirements.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Eye Protection: Use safety glasses if there is potential for exposure to splashes or mists which could cause irritation of the eyes.

Skin Protection: None needed under normal conditions of use.

Engineering Controls: Product is to be used out of doors with good ambient ventilation.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Pale yellow/ brown liquid.

Odor: Typical of hydrocarbon oils

Specific Gravity: Approx. 0.85

Vapor Pressure: < 0.01 mm Hg @ 20° C

pH: essentially neutral

Solubility in Water: Emulsifiable

% Volatile by Weight (VOC): 99%

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 oil sprays represent a minimal ecological hazard.

SECTION XII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: This material is non hazardous oil spray for the control of scale and insects and may be disposed of by applying to trees and shrubs in accordance with manufacturer's recommendations.

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.

EPA Registration Number: 802-415

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.