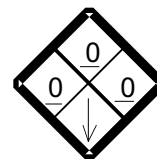


# Lilly Miller Brands

Health Hazard	1
Fire Hazard	0
Reactivity	0
Personal Protection	B

HMIS RATING

## MATERIAL SAFETY DATA SHEET



NFPA RATING

### SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Trade Name:** Lilly Miller Blackberry & Brush Killer  
Lilly Miller Hose 'n Go Blackberry & Brush Killer

**MSDS Number:** LM-020

**Generic Name:** Garden herbicide

**EPA Reg. Number:** 802-594

**Manufacturer:** Lilly Miller Brands

**Revision Number:** New

**Address:** 16201 SE 98th Avenue  
Clackamas, OR 97015

**Date Issued:** May 1, 2001

**Manufacturer's Phone Number:** 503-650-4400

### SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	%	TLV	PEL
Triclopyr, TEA salt**	57213-69-1	8	2 mg/m <sup>3</sup> <sub>(Skin)</sub>	2 mg/m <sup>3</sup> <sub>(Skin)</sub>
Triethylamine**	121-44-8	0.5	1 ppm	25 ppm
Inert ingredients	Mixture	Variable	N/A	N/A
Water	7732-18-5	Variable	N/A	N/A

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

\*\* = Regulated under SARA Title III, Section 313

### SECTION III - HAZARDS IDENTIFICATION

**Emergency Overview:** This product is of moderate toxicity. Primary concern is the potential irritation to the eyes. Triethylamine can be absorbed through the skin. Wash hands and exposed skin with soap and water after using this product.

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

#### Potential Health Effects:

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

**Inhalation:** Overexposure to mists may cause transitory upper respiratory irritation.

**Skin Contact:** Prolonged or repeated exposure may cause skin irritation.

**Eye Contact:** Do not wear contact when working with this product. Mists may cause severe irritation with potential corneal injury. Vapors of the amines may cause swelling of the cornea resulting in visual disturbances such as blurred, smoky or halo vision.

**Ingestion:** Ingestion may be harmful and irritating to the G.I. system.

### SECTION III - HAZARDS IDENTIFICATION

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

**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, clear, lukewarm water at low pressure water 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:** Call a physician or poison control center immediately. Drink 1 or 2 glasses of water. Do not induce vomiting. Do not induce vomiting or 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:** Immediately dam or otherwise contain any spills. Use an absorbent material, such as kitty litter, to absorb material. Seal waste in a plastic bag for disposal.

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

**Environmental Precautions:** Product is an effective and potent herbicide. Do not allow spray mists to drift onto vegetables, flowers, ornamental shrubs and trees, small fruits, fruit trees, or other desirable plants. Keep major spills from entering lakes and waterways.

### SECTION VII - HANDLING AND STORAGE

**Storage Temperature:** Store at temperatures above 28° F. Not affected by extremes of ambient temperature.

**Shelf Life:** Prolonged storage may reduce effectiveness.

**Special Sensitivity:** None.

**Handling and Storage Precautions:** Avoid eye contact and avoid breathing vapors if generated. Good housekeeping is recommended to prevent the contamination of clothing and footwear and the mis-application of this product.

**SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Respiratory Protection:** If atmospheric conditions exceed exposure guidelines, 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 mists or vapors which could cause injury to the eyes.

**Skin Protection:** Gloves and long sleeved garments are a prudent precaution against excessive skin contact.

**Engineering Controls:** Good general ventilation should be sufficient for most conditions.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**Physical Form:** Pale pinkish liquid.

**Odor:** Slight ammonia like odor

**Specific Gravity:** N/D

**Vapor density:** N/D

**pH:** N/D

**Solubility in Water:** Soluble

**% 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:** Nitrogen oxides and hydrogen chloride may be formed under fire conditions.

**SECTION XI - TOXICOLOGICAL/ECOLOGICAL INFORMATION**

**Ecological Concerns:** Lilly Miller Blackberry and Brush Killer is an effective herbicide which will kill or damage plants, shrubs and trees. Use only as directed and use caution to prevent the drifting of vapors to non-targeted plants. This product may be harmful to aquatic plant life.

**SECTION XII - DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** Securely wrap original container in several layers of newspaper and discard in the trash. Do not rinse original container and pour waste water into any water system.

**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.

**EPA Registration Number:** 802-594

**TSCA Status:** All applicable chemicals are registered under TSCA.

**CERCLA Reportable Quantity:** RQ = 5,000 pounds (N,N-Diethylethamine).

**SARA Title III:**

**Section 302, Extremely Hazardous:** N/A

**Section 311/312 Hazard Categories:** N/A.

**Section 313 Toxic Chemicals:** Triclopyr, N,N-Diethylethamine

**RCRA Status:** Not regulated under RCRA

**SECTION XV - APPROVALS**

**Reason for issue:** New MSDS

**Approval Date:** April 6, 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.