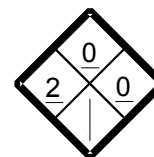


# Lilly Miller Brands

Health Hazard	2
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 Grasshopper, Earwig, Cutworm & Sowbug Bait, Lilly Miller Earwig & Sowbug Bait  
**MSDS Number:** LM-055  
**Generic Name:** Garden Pesticide  
**EPA Reg. No.:** 802-493  
**Manufacturer:** Lilly Miller Brands  
**Revision Number:** 1  
**Address:** PO Box 2289  
**Date Issued:** July 20, 2004  
Clackamas, OR 97015  
**Manufacturer's Phone Number:** 503-451-4451

### SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	%	ACGIH / TLV	OSHA / PEL
Carbaryl	63-25-2	5	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
Non-hazardous inert ingredients	Mixture	95	None	None

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

### SECTION III - HAZARDS IDENTIFICATION

**Emergency Overview:** This product contains N-methyl carbamate insecticide which is a cholinesterase inhibitor. Repeated exposure to high levels of this product can cause carbamate poisoning with blurred vision, sweating, nausea and vomiting. Harmful if swallowed or absorbed through skin. Avoid contact with eyes, skin, or clothing. Wash hands thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**HMIS Rating:** Health: 2 Fire: 0 Reactivity: 0 Personal Protection: B

#### Potential Health Effects:

**Routes of Entry:** Skin contact, eye contact, ingestion

**Inhalation:** Exposure to may lead to irritation of the nose and throat.

**Skin Contact:** Harmful if absorbed through the skin. May product symptoms similar to those from ingestion.

**Eye Contact:** Contact can cause irritation and redness of the eye.

**Ingestion:** Harmful if swallowed. Repeated exposure to high levels of this product can cause carbamate poisoning with blurred vision, sweating, nausea and vomiting.

**Medical Conditions Aggravated by Exposure:** Existing conditions of the liver, kidneys and brain.

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

## SECTION IV - FIRST AID MEASURES

**Inhalation:** Move 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.

**Eye Contact:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the 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. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to a person. Do not give anything to an unconscious person

**Note to Physician:** Contains N-methyl carbamate insecticide which is a cholinesterase inhibitor. Specific antidote consists of atropine. Narcotics and other sedatives should not be used. Drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended.

## SECTION V - FIREFIGHTING MEASURES

**NFPA Rating:** Health: 2 Fire: 0 Reactivity: 0 Other: 0

**Flash point and Method:** Non-flammable

**Extinguishing Method:** Will not burn.

**Fire or Explosion Hazards:** Under fire conditions this product will emit oxides of carbon and nitrogen.

**Special Firefighting Procedures:** Normally not required for consumer quantities.

## SECTION VI - ACCIDENTAL RELEASE MEASURES

**Clean-up Procedures:** Contain spills using dams and/or adsorbant, such as kitty litter. Sweep up material and place into waste container. Dispose of by applying in accordance with manufacturer's directions

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

**Environmental Precautions:** This product is hazardous to animals, birds, bees and fish. Keep spills from entering lakes and waterways.

## SECTION VII - HANDLING AND STORAGE

**Storage Temperature:** Do not store at elevated temperature.

**Shelf Life:** Not determined.

**Special Sensitivity:** None.

**Handling and Storage Precautions:** Avoid eye contact and avoid breathing mists if generated. Good house-keeping is recommended.

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

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

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

**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 content.

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

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**Physical Form:** Flakes/granules

**Evaporation Rate:** N/A

**Odor:** Like grain alcohol

**Specific Gravity:** 25 lbs./ft<sup>3</sup>

**Vapor Density:** N/A

**pH:** N/A

**Solubility in Water:** N/A

**% Volatile by Weight:** Nil

**SECTION X - REACTIVITY**

**Stability :** This is stable material.

**Hazardous Polymerization:** Will not occur.

**Incompatibilities:** Strong acids/bases.

**Decomposition Products:** Oxides of carbon and nitrogen.

**SECTION XI - TOXICOLOGICAL/ECOLOGICAL INFORMATION**

**Ecological Concerns:** Lilly Miller Baits are intended for use in controlling lawn and garden insects. This pesticide is extremely toxic to animals, birds, bees aquatic life and estuarine invertebrates. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

**SECTION XII – STORAGE AND DISPOSAL CONSIDERATIONS**

**Storage and Waste Disposal:** Store this product in its original container and keep out of reach of children and domestic animals. 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 or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

**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 Reg. No.:** 802-493

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

**CERCLA Reportable Quantity:** None.

**SARA Title III:** Reportable under 311/312.

**Section 302, Extremely Hazardous:** None

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

**Section 313 Toxic Chemicals:** None

**RCRA Status:** Not regulated under RCRA

**SECTION XV - APPROVALS**

**Reason for issue:** Additional brand name

**Approval Date:** July 20, 2004

**Prepared by:** CCG, Inc. (revised by M Hickman, LMB)  
(303) 795-2060

**Supersedes Date:** September 10, 2003

**Revision History:** Original September 10, 2003

**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.