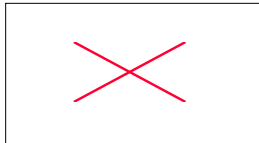
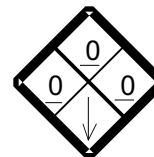


# Lilly Miller Brands



HMIS RATING

## MATERIAL SAFETY DATA SHEET



NFPA RATING

### SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Trade Name:** Lilly Miller Morcrop Vegetable Food, 5-10-10  
Lilly Miller Tomato & Vegetable Food, 5-10-10

**MSDS Number:** LM-018

**Generic Name:** Garden fertilizer

**Revision Number:** 1

**Manufacturer:** Lilly Miller Brands

**Date Issued:** February 6, 2001

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

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

### SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	%	TLV	PEL
Dried Poultry Waste (DPW)	N/A	>50	10 mg/m <sup>3</sup> (PNOC)	15 mg/m <sup>3</sup> (PNOR)
Ammonium phosphate	7783-28-0	Variable	N/A	N/A
Muriate of potash	584-08-7	Variable	N/A	N/A
Alfalfa meal	N/A	Variable	N/A	N/A
Ammonium sulfate	7783-20-2	Variable	N/A	N/A
Fritted trace elements	Mixture	Variable	N/A	N/A
Bone meal	N/A	Variable	N/A	N/A

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

PNOC = Particulates Not Otherwise Classified (ACGIH - Inhalable)

PNOR = Particulates Not Otherwise Regulated (OSHA - Total dust)

### SECTION III - HAZARDS IDENTIFICATION

**Emergency Overview:** This product contains animal manures and/or byproducts that may attract dogs or other pets. Consumption of this product may make animals sick. To minimize potential problems: 1) Store away from pets; 2) Thoroughly mix into soil to eliminate large clods or surface exposure of product; 3) Do not apply along with pesticides.

Wash hands and exposed skin with soap and water after using this product.

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

#### Potential Health Effects:

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

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

**Skin Contact:** Essentially non-irritating to the skin. May contain microbiological contamination from animal waste products.

### SECTION III - HAZARDS IDENTIFICATION

**Eye Contact:** Dusts may cause irritation or corneal injury due to mechanical action.

**Ingestion:** May contain microbiological contamination from animal waste products. 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 clean, lukewarm water at low pressure. 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. Due to the presence of animal waste byproducts consultation with a physician is recommended.

### SECTION V - FIREFIGHTING MEASURES

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

**Flash point and Method:** N/D

**Extinguishing Method:** Water fog, foam, CO<sub>2</sub>, dry chemicals.

**Fire or Explosion Hazards:** This product will burn. Large concentrations of fine product dust can create an explosive atmosphere in unventilated areas.

**Special Firefighting Procedures:** Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters.

### 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 temperature.

**Shelf Life:** Indefinite.

**Special Sensitivity:** None.

**Handling and Storage Precautions:** 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 normally used out of doors; however, if indoor use is required, good general ventilation should be sufficient for most conditions.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**Physical Form:** Fine earthy material with slight fiberish texture

**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 garden fertilizers are non-hazardous plant nutrients. No ecological concerns are anticipated.

**SECTION XII - DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** This material is a non-hazardous plant nutrient and may be disposed of by applying to soil 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 as a nuisance dust.

**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:** Change in company name

**Approval Date:** February 6, 2001

**Prepared by:** Compliance Consulting Group, Inc.  
303-795-2060

**Supersedes Date:** December 3, 1999

## 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.