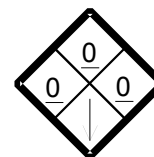


# Lilly Miller Brands

Health Hazard	0
Fire Hazard	0
Reactivity	0
Personal Protection	A

HMIS RATING

## MATERIAL SAFETY DATA SHEET



NFPA RATING

### SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Trade Name:** Lilly Miller Rapid Green Lawn Food 20-2-5,

**MSDS Number:** LM-039

Lilly Miller Ultragreen Fall & Winter Lawn Food 18-4-12,

Lilly Miller 16-16-16 Lawn & Garden Food, Lilly Miller

Ultragreen Lawn Food 21-2-4, Lilly Miller Ultragreen Lawn Food 28-2-3

**Generic Name:** Lawn Fertilizer

**Revision Number:** New

**Manufacturer:** Lilly Miller Brands

**Date Revised:** August 15, 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
Ammonium sulfate	7783-20-2	25 - 80	10 mg/m <sup>3</sup> (PNOC)	15 mg/m <sup>3</sup> (PNOR)
Monoammonium phosphate	7722-76-1	4 - 31	N/A	N/A
Urea	57-13-6	4 - 30	N/A	N/A
Muriate of potash	584-08-7	4 - 30	N/A	N/A
Sulfur coated urea	57-13-6/7704-34-9	10 - 20	N/A	N/A
Ferrous sulfate	7720-78-7	0 - 5	N/A	N/A
Iron sucrate	Proprietary	0 - 4	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 is, generally, non-hazardous to health when used in accord with manufacturer's directions. Wash hands and exposed skin with soap and water after using this product.

**HMIS Rating:**      **Health:** 0      **Fire:** 0      **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.

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

**Ingestion:** Ingestion of large quantities can be harmful and 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.

#### 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:** 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 to be used out of doors with good ambient ventilation.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**Physical Form:** Grayish granular powder

**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:** SO<sub>x</sub>, irritating particulate.

**SECTION XI - TOXICOLOGICAL/ECOLOGICAL INFORMATION**

**Ecological Concerns:** Lilly Miller lawn foods are non-hazardous plant and lawn grass nutrients. Avoid excessive applications where run-off water may carry product into lakes or streams.

**SECTION XII - DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** This material is a non-hazardous lawn grass 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:** New MSDS

**Approval Date:** August 15, 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.