

## MATERIAL SAFETY DATA SHEET

**PRODUCT NAME:** SPOONIT GROWING SEASON ORCHID FOOD 30-10-10

Date of Preparation: 02/12/05

NFPA HAZARD RATINGS: Health(1), Fire(0), Reactivity(0). {(0)least (1)slight (2)moderate (3)high (4)extreme.}

### Section 1-CHEMICAL PRODUCT and COMPANY IDENTIFICATION

**Manufacturer:** LILLY MILLER BRANDS PO BOX 2289 CLACKAMAS OR 97015

**Emergency Telephone:** 503-451-4451

### Section 2-COMPOSITION/INFORMATION on HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT NAME	FORMULA	CAS No.
Potassium Nitrate	KNO <sub>3</sub>	7757-79-1

OSHA Nuisance Dust Limit of 15 mg/M<sup>3</sup> (total) and 5 mg/M<sup>3</sup> (respirable) & ACGIH Nuisance Dust Limit of 10 mg/M<sup>3</sup> and 3 mg/M<sup>3</sup> (respirable) may apply to this product.

### Section 3-HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Potential Health Effects: Primary Entry Routes: Eyes, skin, ingestion. Target Organs: Eyes, skin, gastrointestinal tract. Acute Effects: *Eye:* May cause irritation, redness or burning. *Skin:* May cause irritation or redness. *Ingestion:* May be harmful if swallowed. May cause abdominal cramps, nausea, and/or vomiting. Medical Conditions Aggravated by Long-Term Exposure: Persons with existing skin lesions should exercise caution when using or handling this product. Chronic Effects: None known

### Section 4-FIRST AID MEASURES

Eye Contact: Flush eyes with plenty of water for at least 15 minutes. Get medical attention. Skin Contact: Wash affected area with mild soap and water. Get medical attention if irritation persists or develops. Ingestion: Give large quantities of water. Induce vomiting. Get medical attention. .

Note to Physicians: Contains potassium nitrate.

### Section 5-FIRE FIGHTING MEASURES

Flash Point: NA. Flammability Classification: Non-flammable. Extinguishing Media for Surrounding Area: Water spray, dry chemical, carbon dioxide, foam. Unusual Fire or Explosion Hazards: Fertilizer may become slippery when wet, exercise caution when walking in fire area. Hazardous Combustion Products: Oxides of nitrogen, phosphorus and/or sulfur.

Fire-Fighting Instructions: Fire fighters should wear full protective equipment and self-contained breathing apparatus. Prevent runoff from entering water systems. Keep non-essential personnel out of fire area.

### Section 6-ACCIDENTAL RELEASE MEASURES

Spill/Leak Procedures: Small Spills: Prevent spill from entering water systems. Sweep up with minimum generation of dust. Place material into labeled container for proper disposal.

### Section 7- HANDLING and STORAGE

Handling Precautions: Avoid contact with skin, eyes and clothing. Do not take internally. Wash after handling. Do not contaminate water by disposal of equipment wash waters. Storage Requirements: Store in a cool, dry area preferably locked and out of reach of children.

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**Section 8-EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory Protection: Not normally required. Protective Clothing/Equipment: Normally not required.

EXPOSURE GUIDELINES:

<u>Ingredient</u>	<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>NIOSH REL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>TWA</u>	<u>STEL</u>	<u>TWA</u>	<u>STEL</u>
Potassium Nitrate	NA	NA	NA	NA	NA	NA

**Section 9-PHYSICAL/CHEMICAL PROPERTIES**

Physical State: Pink, free flowing crystals with ammonia like odor. Solubility in Water: Soluble. Bulk Density: ND

**Section 10-STABILITY AND REACTIVITY**

Stability: Stable under normal conditions of use and storage. Polymerization: NO. Chemical Incompatibilities: Alkaline or acidic materials, oxidizing agents. Conditions to Avoid: Extreme heat. Hazardous Decomposition Products: Oxides of nitrogen, phosphorus and/or sulfur.

**Section 11-TOXICOLOGICAL INFORMATION**

No laboratory tests for this product for the following: Eye Effects, Skin Effects, Acute Inhalation Effects, and Chronic Effects.

Positive Teratogen/Mutagen/Carcinogen (NTP): NO.

Potential Carcinogen OSHA/IARC: NO.

**Section 12-ECOLOGICAL INFORMATION**

Accidental spills of undiluted product may cause vegetation kills. Keep out of any body of water.

**Section 13-DISPOSAL CONSIDERATIONS**

Disposal: Consult local, state or federal regulatory agencies for acceptable disposal procedures and locations. Disposal in waterways or sewers may be prohibited.

**Section 14-TRANSPORT INFORMATION**

DOT Transportation Data (49 CFR 172.101): not regulated

**Section 15-REGULATORY INFORMATION**

EPA Regulations: Not regulated by EPA under FIFRA or FQPA. OSHA Regulations: Refer to Sections 2 & 8. State Regulations: Check with specific state authorities since regulations vary within the states. SARA Title III; Sections 311/312: Sudden Release of Pressure (N); Reactivity (N); Fire (N); Immediate (Acute) Health (Y); Delayed (Chronic) Health (N). Prop. 65: Warning. This product contains chemicals known to the state of CA to cause cancer or birth defects or other reproductive harm. Potassium nitrate is on the TSCA Inventory List and SARA Section 313.

**Section 16-OTHER INFORMATION**

Prepared by: Format similar to ANSI Z400.1-2004

ND= Not Determined; NA= Not Applicable; NIA= No Information Available