

# MATERIAL SAFETY DATA SHEET

**Date-Issued:** 12/19/2003**MSDS Ref. No:** 74052300**Date-Revised:** 12/19/2003**Revision No:** New MSDS**Miracle-Gro® Moisture Control® Potting Mix 0.18-0.10-0.10**

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Miracle-Gro® Moisture Control® Potting Mix 0.18-0.10-0.10**PRODUCT DESCRIPTION:** Potting Mix

### MANUFACTURER

The Scotts Company  
 Earthgro-Hyponex-Miracle Gro  
 Scotts-Scotts Sierra-Swiss Farms  
 14111 Scottslawn Road  
 Marysville, OH 43041

**PN:** 74052300

### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEMTREC (U.S.):** (800) 424-9300  
**International:** 1-703-527-3887  
**Emergency Phone:** 1-937-644-0011

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Ammonium Nitrate	6484-52-2	None	None
Ammonium Phosphate	7722-76-1	None	None
Calcium Phosphate	1306-06-5	None	None
Potassium Sulfate	7778-80-5	None	None
Potassium Nitrate	7757-79-1	None	None
Urea	57-13-6	None	None
Nuisance Dust		15 mg/m3	3 mg/m3

**COMMENTS:** This product is formulated from 50-60% sphagnum peat moss, coconut husk fibers (coir pith), composted bark fines, perlite, a wetting agent, and fertilizer. The nitrogen, phosphorous, and potassium sources have been coated to provide 0.10% slow-release nitrogen (N), 0.10% slow-release phosphate (P2O5), and 0.10% slow-release potash (K2O). The ACGIH Threshold Limit Values (TLV) for nuisance (inert) dusts containing < 1% crystalline silica and no asbestos are: 10 mg/m3 inhalable particulates and 3 mg/m3 respirable particulate. The OSHA TLV is 15 mg/m3 total dust, 5 mg/m3 respirable fraction. Material exposure limits are for airborne 8-hour time-weighted averages and apply only to occupational exposures.

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**IMMEDIATE CONCERNS:** May irritate skin and eyes. If ingested, may cause vomiting, diarrhea, or mucus membrane irritation.

#### POTENTIAL HEALTH EFFECTS

**EYES:** May cause eye irritation.

**SKIN:** May cause skin irritation.

**INGESTION:** Practically non-toxic. May cause gastrointestinal irritation, nausea, diarrhea, or vomiting.

**INHALATION:** Prolonged or excessive inhalation may cause respiratory tract irritation.

**ROUTES OF ENTRY:** Ingestion, inhalation.

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### 4. FIRST AID MEASURES

**EYES:** If in eyes, 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:** If on skin, take off contaminated clothing, rinse skin immediately with plenty of water for 15-20 minutes. If irritation persists, call a poison control center or doctor for treatment advice.

**INGESTION:** If swallowed, call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**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.

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### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Water spray and CO2.

**HAZARDOUS COMBUSTION PRODUCTS:** Thermal decomposition may produce ammonia as well as toxic oxides of carbon, nitrogen, and other metal oxides.

**FIRE FIGHTING PROCEDURES:** No special fire-fighting procedures are required.

**FLASHPOINT:** Not Applicable

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### 6. ACCIDENTAL RELEASE MEASURES

**GENERAL PROCEDURES:** Sweep up spills. Use good housekeeping practices. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

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## 7. HANDLING AND STORAGE

**HANDLING:** See label. Wash hands with soap and water after handling product. Avoid container breakage. Avoid inhalation or contact with skin, eyes, or clothing. Keep out of lakes, streams or ponds, **KEEP OUT OF REACH OF CHILDREN.**

**STORAGE:** See label. **KEEP OUT OF REACH OF CHILDREN.** Avoid container breakage. Store in cool, dry area in closed container or package. Keep away from feed or foodstuffs.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Protective eye wear is usually not required for normal use.

**SKIN:** Gardening gloves are suggested.

**RESPIRATORY:** If airborne dust levels are high, a dust mask is recommended to avoid inhalation.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Solid

**COLOR:** Brown, earthy color

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## 10. STABILITY AND REACTIVITY

**STABLE:** YES

**HAZARDOUS POLYMERIZATION:** NO

**CONDITIONS TO AVOID:** None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal - Oxides of carbon.

**INCOMPATIBLE MATERIALS:** None known.

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## 11. TOXICOLOGICAL INFORMATION

**CARCINOGENICITY:**

**IARC:** No

**NTP:** No

**OSHA:** No

**GENERAL COMMENTS:** Skin abrasions and sores may be aggravated by this product. Inhalation of dust may aggravate asthma.

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## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** Keep out of lakes, streams, or ponds.

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## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose in normal waste disposal. Do not reuse container.

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## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Not DOT regulated.

**OTHER SHIPPING INFORMATION:** The transportation information shown may not apply to all shipping situations. Consult 49 CFR, or appropriate Dangerous Goods Regulations for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping regulations.

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## 15. REGULATORY INFORMATION

**GENERAL COMMENTS:** Contact local authorities for proper disposal of large quantities of unused product.

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## 16. OTHER INFORMATION

**REVISION SUMMARY** New MSDS

**NFPA CODES**

**HEALTH: 1   FIRE: 0   REACTIVITY: 0**

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**ADDITIONAL MSDS INFORMATION:** NFPA Hazard Rating: 0=Least; 1=Slight; 2=Moderate; 3=High; 4=Severe.

**GENERAL STATEMENTS:** This document contains health, safety, and environmental information useful to emergency response agencies, health care providers, manufacturers, and workers/employees. It does not replace the precautionary language, use directions, or the storage and disposal information found on the product label.