MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Miracle-Gro® Potting Mix, 0.21-0.07-0.14
Description: Potting Mix

Company
The Scotts Company LLC
14111 Scottslawn Road
Marysville, OH 43041

2. HAZARDS IDENTIFICATION

Labelling
Signal word: No signal word
Precautionary Statements
Keep away from children.

Potential health effects
Eye contact: Contact with eyes may cause irritation.
Skin contact: Irritation not expected.
Ingestion: Considered practically non-toxic.
Inhalation: May cause irritation of respiratory tract.

Aggravated Medical Conditions: Inhalation may aggravate asthma. Pre-existing dermatitis or sores.

Principle routes of exposure: Skin, Upper respiratory tract
Target organ effects: Irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sphagnum Peat Moss</td>
<td>No CAS#</td>
<td>55-65</td>
</tr>
<tr>
<td>Composted Bark</td>
<td>No CAS#</td>
<td>20-40</td>
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<tr>
<td>Perlite</td>
<td>93763-70-3</td>
<td>5-10</td>
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<tr>
<td>Ammoniumnitrate, NH4NO3</td>
<td>6484-52-2</td>
<td>0.1-1</td>
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<tr>
<td>Ammonium Phosphate</td>
<td>7722-76-1</td>
<td>0.1-1</td>
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<tr>
<td>Calciumphosphate, Ca3(PO4)2</td>
<td>7758-87-4</td>
<td>0.1-1</td>
</tr>
<tr>
<td>Potassium sulphate, K2SO4</td>
<td>7778-80-5</td>
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4. FIRST AID MEASURES

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 eye. 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. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so be a 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, preferable by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice

5. FIRE-FIGHTING MEASURES

Flammable properties: May burn under fire conditions.
Suitable extinguishing media: Water spray, carbon dioxide, dry chemical, chemical foam.
Fire fighting procedures: Select appropriate method to surround and extinguish fire
Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus

24-HOUR EMERGENCY TELEPHONE NUMBERS:
CHEMTREC (U.S.): 1-800-424-9300
CHEMTREC (International): 1-703-527-3887
Non-Emergency Calls: 1-937-644-0011

Revision date: 16-May-2007
6. ACCIDENTAL RELEASE MEASURES

- **Personal precautions:** Wear personal protective equipment
- **Environmental precautions:** No special environmental precautions required.
- **Methods for containment:** Clean up promptly by sweeping or vacuum.
- **Methods for cleaning up:** Flush with water.

7. HANDLING AND STORAGE

- **Handling:** Avoid container breakage
- **Storage:** Keep containers tightly closed in a cool, well-ventilated place

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Components</th>
<th>ACGIH:</th>
<th>OSHA:</th>
</tr>
</thead>
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<tr>
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<td>Not Listed</td>
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**Engineering controls**
Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard

**Personal Protective Equipment**
Protective eye wear is normally not required but suggested so contact can be avoided.
If airborne levels are high or product does not remain intact, use a combination of engineering controls (e.g. ventilation) and personal protection, e.g., NIOSH/MSHA approved respirator for dusts, mists, and fumes

**General hygiene considerations:**
Wash hands before breaks and immediately after handling the product

9. PHYSICAL AND CHEMICAL PROPERTIES

- **Physical State:** Solid
- **Color:** Dark brown
- **Solubility:** Insoluble
- **Appearance:** Soil-like
- **Odor:** Earthy
- **Flash point:** Not applicable

10. STABILITY AND REACTIVITY

- **Chemically Stable:** Yes
- **Conditions to avoid:** Damp or wet conditions.
- **Materials to avoid:** None known
- **Hazardous decomposition products:** Toxic fumes and gases may be generated.
- **Possibility of hazardous reactions:** None.

11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

- **Eye effects:** Contact with eyes may cause irritation
- **Skin effects:** May cause skin irritation in susceptible persons

**Chronic toxicity**

**Carcinogenic effects:** The table below indicates whether each agency has listed any ingredient as a carcinogen.
<table>
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<tr>
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<th>NTP:</th>
<th>IARC:</th>
<th>OSHA:</th>
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**Ingestion:**
Health injuries are not known or expected under normal use.

**Inhalation:**
Health injuries are not known or expected under normal use.

**Target organ effects:**
Irritation.

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity effects:**
No known effects.

**Persistence and degradability:**
Inherently biodegradable.

**Bioaccumulative potential:**
Not applicable.

**Mobility:**
The product is insoluble and sinks in water.

**Aquatic toxicity:**
Not considered to be toxic to aquatic organisms.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods:**
In accordance with local and national regulations.

**Contaminated packaging:**
Do not re-use empty containers.

### 14. TRANSPORT INFORMATION

The description shown may not apply to all situations. Consult 49 CFR, or appropriate dangerous goods regulations for additional description requirements (e.g. technical name) and mode-specific or quantity-specific shipping requirements.

**DOT:**
Proper shipping name: Not regulated

### 15. REGULATORY INFORMATION

<table>
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**General Information**
Contact local authorities for disposal of large quantities of product

### 16. OTHER INFORMATION

**NFPA:**
Health: 1
Flammability: 1
Reactivity: 0

**HMIS:**
Health: 1
Flammability: 1
Reactivity: 0

**Hazard Rating:** 0=Least; 1=Slight; 2=Moderate; 3=High; 4=Severe

**General comment:**
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.
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