



# MATERIAL SAFETY DATA SHEET

Date stamp: 05-Aug-2005

MSDS Ref. No.: 75278300

Revision Number: 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Miracle-Gro® Sphagnum Peat Moss, 0.05-0.02-0.04  
**Description:** Peat Moss

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

### 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

## 2. HAZARDS IDENTIFICATION

**OSHA Regulatory Status:** This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

### Labelling

**Signal word:** No signal word.

### Precautionary Statement

Keep out of reach of 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.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	Weight %
Sphagnum Peat Moss	No CAS#	-
Urea	57-13-6	-
Ammonium Phosphate	7722-76-1	-
Potassium nitrate, KNO <sub>3</sub>	7757-79-1	-

## 4. FIRST AID MEASURES

**Eye contact:** Hold eye open and rins 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 by 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, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice

## 5. FIRE-FIGHTING MEASURES

**Flammable properties:** Slow to combust 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

## 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

Components	ACGIH:	OSHA:
Sphagnum Peat Moss	Not Listed	Not Listed
Ammonium Phosphate	Not Listed	Not Listed
Urea	Not Listed	Not Listed
Potassium nitrate, KNO <sub>3</sub>	Not Listed	Not Listed

**Engineering controls** Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard

### Personal Protective Equipment

**Eye/face protection:** Safety glasses  
**Skin and body protection:** Usual safety precautions while handling the product will provide adequate protection against this potential effect.  
**Respiratory protection:** 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

<b>Physical State:</b> Solid	<b>Appearance:</b> Soil-like
<b>Color:</b> Dark brown	<b>Odor:</b> Earthy
<b>Solubility:</b> Insoluble	<b>Flash point:</b> Not applicable

## 10. STABILITY AND REACTIVITY

**Chemically Stable:** Yes  
**Conditions to avoid:** Damp or wet conditions.  
**Materials to avoid:** None known  
**Hazardous decomposition products:** No information available  
**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.

Components	NTP:	IARC:	OSHA:
Sphagnum Peat Moss	Not listed	Not listed	Not listed
Ammonium Phosphate	Not listed	Not listed	Not listed
Urea	Not listed	Not listed	Not listed
Potassium nitrate, KNO <sub>3</sub>	Not listed	Not listed	Not listed

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

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

## 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:** May be beneficial to plant life.

## 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

Components	CAS-No	CERCLA/SARA 313	CERCLA/SARA 302
Sphagnum Peat Moss	No CAS#	Not Listed	Not Listed
Ammonium Phosphate	7722-76-1	Not Listed	Not Listed
Urea	57-13-6	Not Listed	Not Listed
Potassium nitrate, KNO3	7757-79-1	Not Listed	Not Listed

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

## 16. OTHER INFORMATION

**NFPA:** Health: 2 Flammability: 1 Reactivity: 0

**HMIS:** Health: 2 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.

**Revision date:** 05-Aug-2005

**Additional Information:** This information contained herein is, to the best of Scott's knowledge and belief, accurate and reliable as of the date of preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and Scotts shall not be liable for any loss or damage arising out of the use thereof. No authorization is given or implied to use any patented invention without a license. In addition, Scotts shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.