



# MATERIAL SAFETY DATA SHEET

Date stamp: 12-Apr-2011\*\*\*

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Scotts® Turf Builder® LawnSoil®, 0.10-0.03-0.05  
**Description:** Lawn Soil

**Company**  
The Scotts Company LLC  
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 Statements**  
Wearing gardening gloves recommended for handling all planting materials. 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 %
Forest Products/Compost	No CAS#	60-100
Canadian Sphagnum Peat Moss	No CAS#	10-30
Pasteurized Poultry Litter	No CAS#	10-30
Calcium nitrate, Ca(NO <sub>3</sub> ) <sub>2</sub>	13477-34-4	0.1-1
Potassium nitrate, KNO <sub>3</sub>	7757-79-1	0.1-1

## 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 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:
Canadian Sphagnum Peat Moss	Not Listed	Not Listed
Forest Products/Compost	Not Listed	Not Listed
Pasteurized Poultry Litter	Not Listed	Not Listed
Calcium nitrate, Ca(NO <sub>3</sub> ) <sub>2</sub>	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**

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

**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:
Canadian Sphagnum Peat Moss	Not listed	Not listed	Not listed
Forest Products/Compost	Not listed	Not listed	Not listed
Pasteurized Poultry Litter	Not listed	Not listed	Not listed
Calcium nitrate, Ca(NO <sub>3</sub> ) <sub>2</sub>	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 (Land)** Not DOT regulated  
**DOT (AIR)** Not DOT regulated  
**DOT (Vessel)** Not DOT regulated

## 15. REGULATORY INFORMATION

Components	CAS-No	CERCLA/SARA 313	CERCLA/SARA 302
Canadian Sphagnum Peat Moss	No CAS#	Not Listed	Not Listed
Forest Products/Compost	No CAS#	Not Listed	Not Listed
Pasteurized Poultry Litter	No CAS#	Not Listed	Not Listed
Calcium nitrate, Ca(NO <sub>3</sub> ) <sub>2</sub>	13477-34-4	Not Listed	Not Listed
Potassium nitrate, KNO <sub>3</sub>	7757-79-1	Not Listed	Not Listed

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

## 16. OTHER INFORMATION

**NFPA:** Health: 0 Flammability: 0 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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