



MATERIAL SAFETY DATA SHEET

Date stamp: 01-Jul-2009

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Revision Number: 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Scotts® PatchMaster Lawn Repair Sun and Shade Mix, 3-4-1
Description: Grass Seed, Mulch, Fertilizer

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: CAUTION

Precautionary Statements 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 %
Paper Mulch	No CAS#	60-100
Grass Seed	No CAS#	7-13
Ammonium phosphate	7722-76-1	5-10
Urea	57-13-6	5-10
Potassium chloride, KCl	7447-40-7	1-5

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: Combustible.
Suitable extinguishing media: Water. Carbon dioxide (CO2). Chemical foam.
Explosion potential: Dust clouds may be explosive.
Explosive properties: No explosion risk.
Hazardous combustion products: Normal combustions products - carbon monoxide and/or carbon dioxide.
Fire fighting procedures: Select appropriate method to surround and extinguish fire

5. FIRE-FIGHTING MEASURES

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid contact with eyes.
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:
Paper Mulch	Not Listed	Not Listed
Grass Seed	Not Listed	Not Listed
Ammonium phosphate	Not Listed	Not Listed
Urea	Not Listed	Not Listed
Potassium chloride, KCl	Not Listed	Not Listed

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

Personal Protective Equipment

Eye/face protection Protective eye wear is normally not required but suggested so contact can be avoided.
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
Appearance: Fibrous
Flash point: Not applicable
Solubility: Insoluble

10. STABILITY AND REACTIVITY

Chemically Stable: Yes
Conditions to avoid: Damp or wet conditions. Heat, flames and sparks.
Materials to avoid: None known
Hazardous decomposition products: Combustion may produce irritating gases and vapors.
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:
Paper Mulch	Not listed	Not listed	Not listed
Grass Seed	Not listed	Not listed	Not listed
Ammonium phosphate	Not listed	Not listed	Not listed
Urea	Not listed	Not listed	Not listed
Potassium chloride, KCl	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: Not applicable.

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
Paper Mulch	No CAS#	Not Listed	Not Listed
Grass Seed	No CAS#	Not Listed	Not Listed
Ammonium phosphate	7722-76-1	Not Listed	Not Listed
Urea	57-13-6	Not Listed	Not Listed
Potassium chloride, KCl	7447-40-7	Not Listed	Not Listed

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.

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.