

MATERIAL SAFETY DATA SHEET

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Revision No: New MSDS

Scotts® Pure Premium® Zoysiagrass Seed

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Scotts® Pure Premium® Zoysiagrass Seed
PRODUCT DESCRIPTION: Coated Grass Seed

MANUFACTURER

The Scotts Company
 Earthgro, Inc.
 14111 Scottslawn Road
 Marysville, OH 43041

PN: 14570

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>
Grass Seed			
Sodium hydroxide	1310-73-2	2 mg/m ³	2 mg/m ³
Nuisance Dust		15 mg/m ³	3 mg/m ³

COMMENTS: 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: CAUTION: Seed treated with sodium hydroxide, do not use for food, feed or oil purposes. Avoid dust inhalation and contact with eyes and skin. Store away from feed or food stuffs. Wash thoroughly with soap and water after handling. KEEP AWAY FROM CHILDREN.

POTENTIAL HEALTH EFFECTS

EYES: May cause eye irritation.

SKIN: May cause skin irritation in persons having a pre-existing skin condition.

INGESTION: May cause gastrointestinal irritation or ulceration.

INHALATION: Inhalation of dust may irritate nose, throat, and lungs.

MEDICAL CONDITIONS AGGRAVATED: Skin abrasions, sores, or other pre-existing skin conditions. Inhalation of dust may aggravate asthma.

ROUTES OF ENTRY: Ingestion, skin, inhalation, and eyes.

4. FIRST AID MEASURES

EYES: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5

minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

SKIN: If on skin or clothing, 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: If swallowed, call a poison control center or doctor immediately for treatment advice. Have person sip glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Never 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.

COMMENTS: See product label for specific First Aid Measures. The above measures are the most conservative and would apply in the event a product label is not immediately available.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water spray, carbon dioxide, or foam are recommended. Use extinguishing media appropriate for the surrounding fire.

EXPLOSION HAZARDS: Dusts at sufficient concentrations may form explosive mixtures with air.

FIRE FIGHTING PROCEDURES: Use self-contained air supply.

HAZARDOUS DECOMPOSITION PRODUCTS: In a fire irritating gases & vapors may be produced.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Use good housekeeping practices. Sweep up spills. As a general practice, avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove to approved landfill. See label for specific disposal procedures.

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.

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: See label. Protective eye wear is typically not required for normal product use.

SKIN: See label. No special protective clothing is necessary under normal use conditions. Gardening gloves are suggested for repeated handling of lawn care products. Applicators should wear long-sleeved shirt, long pants, shoes, and socks.

RESPIRATORY: See label. No special respiratory protection is required under normal use conditions. However, if operating conditions create high airborne concentrations of product, a dust mask, or other appropriate respiratory protection is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

ODOR: Slight odor

APPEARANCE: Whole seed with minimal amount of fines.

COMMENTS: Combustible.

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID: Protect from extreme heat, sparks, open flames and moisture/water damage.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce carbon monoxide and carbon dioxide.

INCOMPATIBLE MATERIALS: None known.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY:

CARCINOGENICITY COMMENTS: IARC: No; NTP: No; OSHA: No

GENERAL COMMENTS: Repeated skin exposure to treated seed may produce dermal irritation/ulceration. Inhalation of dust may cause respiratory tract irritation; ingestion may result in ulceration of gastrointestinal tract tissues.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: See label. This product is not considered to be an environmental hazard. Prevent contamination of waterways and drainage systems. Keep out of lakes, streams, or ponds.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in normal waste disposal. Do not reuse empty container. See label for specific product disposal recommendations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not DOT regulated.

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

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

REVISION SUMMARY New MSDS

NFPA CODES

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

MANUFACTURER DISCLAIMER: The information contained herein is, to the best of the Manufacturer'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 the Manufacturer 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, the Manufacturer 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.

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.