

MATERIAL SAFETY DATA SHEET

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Revision No: New MSDS

Scotts® Lawn Pro® Super Turf Builder® with Plus 2® Weed Control 29-3-3

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Scotts® Lawn Pro® Super Turf Builder® with Plus 2® Weed Control 29-3-3

PRODUCT DESCRIPTION: Lawn Fertilizer with Weed Control

MANUFACTURER

The Scotts Company
 Earthgro - Hyponex - Miracle Gro - Scotts
 Scotts Sierra - Swiss Farms
 14111 Scottslawn Road
 Marysville, OH 43041

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (U.S.): (800) 424-9300
International: 1-703-527-3887
Emergency Phone: 1-937-644-0011

EPA REG. NO.: 538-280 **PN:** S8855

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS#	OSHA PEL	ACGIH TLV
2,4-Dichlorophenoxyacetic acid (2,4-D)	94-75-7	10 mg/m3	10 mg/m3
(R)-2-(4-Chloro-2-methylphenoxy)propionic acid (Mecoprop-p)	16484-77-8	None	None
Urea	57-13-6	None	None
Potassium Sulfate	7778-80-5	None	None
Ammonium Sulfate	7783-20-2	None	None
Ammonium Phosphate	7722-76-1	None	None
Nuisance Dust		15 mg/m3	3 mg/m3

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.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: - CAUTION

- Avoid contact with eyes, skin, or clothing.
- Causes eye irritation.
- Harmful if swallowed.
- KEEP OUT OF REACH OF CHILDREN.

POTENTIAL HEALTH EFFECTS

EYES: Causes eye irritation.

SKIN: May cause redness or irritation with prolonged contact.

INGESTION: Ingestion may result in abdominal pain, nausea, vomiting, and diarrhea.

INHALATION: Prolonged or excessive inhalation may cause respiratory tract irritation.

MEDICAL CONDITIONS AGGRAVATED: Inhalation of dust may aggravate asthma.

ROUTES OF ENTRY: Ingestion, skin, inhalation.

4. FIRST AID MEASURES

EYES: If in eyes, 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. 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 a glass of water if able to swallow. Do not induce vomiting unless told to by the 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 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 - Pesticide Registration (PR) Notice 2000-3 - April 11, 2000 - and apply in the event a product label is not immediately available.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water spray, dry chemical.

HAZARDOUS COMBUSTION PRODUCTS: In a fire, ammonia and oxides of nitrogen, carbon, potassium, phosphorus, and sulfur may be generated.

EXPLOSION HAZARDS: Explosive conditions may exist when a high airborne concentration of fertilizer or organic material occurs in an enclosed area.

FIRE FIGHTING PROCEDURES: Use self-contained air supply.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Sweep up spills. Use good housekeeping practices. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove to approved landfill.

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. As directed, do not water lawn after application and do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried or dust has settled. Do not contaminate water when disposing of equipment wash waters. Keep out of lakes, streams, or ponds. KEEP OUT OF REACH OF CHILDREN.

STORAGE: Store in a cool, dry area away from incompatible materials and heat sources. Store away from feed and foodstuffs, as well as household cleaning products. KEEP OUT OF REACH OF CHILDREN.

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 normally not required but is suggested so contact can be avoided.

SKIN: Wear long-sleeved shirt, long pants, socks and shoes when using this product. After using this product, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Use rubber gloves if skin contact is potentially great.

RESPIRATORY: If airborne dust levels are high, a dust mask is recommended to avoid inhalation.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Granular

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID: Extreme heat. Contact with strong alkalis, oxidizers, and reducing agents. Contact with fuels and other organic or

combustible materials. Active metals such as aluminum, magnesium and chlorine compounds.

INCOMPATIBLE MATERIALS: None known.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY:

CARCINOGENICITY COMMENTS: The International Agency for Research on Cancer (IARC) lists chlorophenoxy herbicides in its Group 2B (limited evidence for carcinogenicity in humans). The US. EPA has given the chlorophenoxy herbicides 2,4-D, 2,4-DP, MCPP, and MCPA a Class D classification (not classifiable as to human carcinogenicity). The World Health Organization (WHO) review of 2,4-D toxicology has concluded that 2,4-D is not a carcinogen.

GENERAL COMMENTS: Eye contact may cause slight, temporary irritation as a foreign body in the eye. Prolonged skin contact may cause irritation in susceptible individuals. Ingestion may cause nausea and vomiting with irritation to the mouth, throat, esophagus and stomach. High dust concentrations may cause mild respiratory tract irritation with coughing and nasal discharge. These high exposure levels are not considered relevant to occupational or normal use exposure situations. All materials contained in this product are considered to have low toxicity by the expected routes of exposure.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Keep out of lakes, streams, or ponds.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Securely wrap original container in several layers of newspaper and discard in trash. Do not reuse container.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: This product is not DOT regulated when transported over land in non-bulk packaging.

MARINE POLLUTANT #1: 2,4-D: Marine Pollutant

OTHER SHIPPING INFORMATION: RQ 2,4-D is 100 Lbs.

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.

COMMENTS: Classified as Environmentally hazardous substance, solid, n.o.s., 9, UN3077, PGIII, RQ, (2,4-Dichlorophenoxyacetic Acid) when transported in bulk (10,000 lbs. or more).

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

REVISION SUMMARY New MSDS

NFPA CODES

HEALTH: 2 FIRE: 0 REACTIVITY: 1

MANUFACTURER DISCLAIMER: The information contained herein is, to the best of the Manufacturer's (see Section 1) 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.

COMMENTS: Use of this product is regulated by the U.S. Environmental Protection Agency (EPA) through the approved product label. It is a

violation of Federal law to use this product in a manner inconsistent with its labeling.