

MATERIAL SAFETY DATA SHEET

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Scotts® Lawn Pro® Super Winterizer with PLUS 2® Weed Control 24-3-12

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Scotts® Lawn Pro® Super Winterizer with PLUS 2® Weed Control 24-3-12

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.: 538-283 **PN:** S9706

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
2,4-Dichlorophenoxyacetic acid (2,4-D)	94-75-7	10 mg/m ³	10 mg/m ³
(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/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.

3. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW****IMMEDIATE CONCERNS:** - CAUTION

- Avoid contact with eyes, skin or clothing.
- May cause skin and eye irritation.
- Harmful if swallowed.
- KEEP OUT OF REACH OF CHILDREN AND PETS.

POTENTIAL HEALTH EFFECTS

EYES: May cause eye irritation.

SKIN: May cause skin irritation.

INGESTION: Possible nausea, vomiting, diarrhea.

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

MEDICAL CONDITIONS AGGRAVATED: Inhalation of dust may aggravate asthma.

ROUTES OF ENTRY: Ingestion

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 and would apply in the event a product label is not immediately available.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical or select appropriate method of extinguishing surrounding fire. Contain any run-off as ingredients may be toxic to aquatic organisms.

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

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. Do not contaminate water sources 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.**

COMMENTS: Do not graze treated areas. Do not feed clippings to livestock. 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.

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.

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: None known.

STABILITY: Stable

POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: In a fire, ammonia, chlorine and toxic oxides of nitrogen, carbon, and potassium may be generated

INCOMPATIBLE MATERIALS: None known.

11. TOXICOLOGICAL INFORMATION

ACUTE

EYES: Mild eye irritant (rabbit).

DERMAL LD₅₀: >5000 mg/kg (rabbit).

ORAL LD₅₀: >5000 mg/kg (rat)

INHALATION LC₅₀: LC50-4 hr.: >2.0 mg/L air (rat).

SKIN EFFECTS: Not irritating (rabbit).

SENSITIZATION: Not sensitizing: Buehler Method - guinea pig

CARCINOGENICITY:

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

COMMENTS: The acute toxicology testing results represent a comparable granular fertilizer formulation (S9647) with an NPK of 28-3-3.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Do not apply directly to lakes, streams, or ponds. Do not apply when weather conditions favor drift from target areas. Drift or runoff may adversely affect non-target plants. Do not apply directly to water. Do not contaminate water sources when disposing of equipment washwaters.

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: Not DOT regulated.

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.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: NO PRESSURE GENERATING: NO REACTIVITY: NO ACUTE: YES CHRONIC: NO

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: 2,4-D: 100 lbs

CLEAN WATER ACT: RQ (2,4-D): 100 lbs.

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

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.

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.