



# SDS For Magruder 220411

## Section 1: Product and Company Information

**Product Name:** Scotts® Turf Builder® Starter™ Lawn Food for New Grass 24-25-4  
**Product Use:** Lawn fertilizer  
**Product Code:** 09127, 00715  
**Manufacturer:** Scotts Canada Ltd.  
2000 Argentia Road, Plaza 5, Suite #101  
Mississauga, Ontario  
L5N 2R7  
1-800-543-TURF  
[www.scotts.ca](http://www.scotts.ca)  
**Emergency Telephone:** Medical Emergencies: 1-888-779-7919  
Accident and Spill Emergencies: Canutec 1-613-996-6666

## Section 2: Hazards Identification

Personal Protective Equipment	WHMIS	Transportation Symbol
	 Not controlled by WHMIS	Not Regulated

### Emergency Overview:

**Appearance, Colour and Odour:** Solid, multi-coloured, granular, fertilizer, odour of fertilizer.

Fertilizer product regulated under the Fertilizers Act. While this product is not controlled under WHMIS, this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

### Potential Health Effects

#### ACUTE (short term):

**Relevant Route(s) of Exposure:** Eye and skin contact; Inhalation; Ingestion

**Inhalation:** Dusts of this product may cause respiratory tract irritation.

**Ingestion:** Health injuries are not known or expected under normal conditions of use. Ingestion of large amounts may cause gastro-intestinal discomfort and vomiting.

**Skin:** Not expected to be irritating to the skin.

**Eye:** Dust is probably irritating as a foreign substance in the eye. Some tearing, blinking and mild, temporary pain may occur as the solid material is rinsed from the eye by tears.

#### CHRONIC (long term): see Section 11 for additional toxicological data

It is not expected that harmful, chronic effects will result from exposure to this product during its intended use.

**Interactions With Other Chemicals:** Not available

**Potential Environmental Effects:** Do not apply near water or storm drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn and sweep any product that lands on the driveway, sidewalk, or street back onto your lawn.

### Section 3: Composition and Ingredient Information

No Hazardous Ingredients by WHMIS Criteria.

Product contains the following non-hazardous components: Ammonium Phosphate, Urea, Potassium chloride.

### Section 4: First Aid Measures

**Inhalation:** If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

**Eye Contact:** If in eyes, flush with plenty of water for at least 15 minutes. If irritation persists get medical attention.

**Skin Contact:** Wash with soap and water. Obtain medical attention if irritation persists.

**Ingestion:** If swallowed, get medical attention or contact a Poison Control Centre.

### Section 5: Fire Fighting Measures

**Flammable Properties:** Not applicable product is not flammable.

**Suitable extinguishing Media:** Use extinguishing media appropriate for the surrounding fire. Dry chemical, water spray, chemical foam, carbon dioxide, water fog.

**Unsuitable extinguishing Media:** Not applicable

**Explosion Data**

**Sensitivity to Mechanical Impact:** Not applicable

**Sensitivity to Static Discharge:** Not applicable

**Specific Hazards arising from the Chemical:** If involved in a fire, decomposition products may include irritating or toxic fumes which may include ammonia, oxides of carbon, nitrogen, potassium and sulfur; including sulfur dioxide which is corrosive.

**Protective Equipment and precautions for firefighters:** Firefighters should wear full protective gear including self-contained breathing apparatus when fighting chemical fires.

### Section 6: Accidental Release Measures

**Personal Precautions:** Wear proper protective gloves, clothing and other protective equipment (see Section 8).

**Environmental Precautions:** Prevent release to drains, sewers and natural waterways.

**Methods for Containment:** Stop further release and spread of contamination.

**Methods for Clean-up:** Pick up the spilled product and place into a suitable container. If product is uncontaminated, collect and re-use as recommended.

### Section 7: Handling and Storage

**Handling:** Read the label before using. Avoid contact with eyes. Avoid breathing dust. Wash hands thoroughly after handling and before eating or smoking. Keep out of reach of children.

**Storage:** Store in a dry location. Store in original container out of reach of children and pets. Do not contaminate feed or foodstuffs.

**Section 8: Exposure Controls and Personal Protection**

Consult local authorities for acceptable exposure limits.

<u><b>Ingredient</b></u>	<u><b>Ontario TWAEV</b></u> <u><b>(mg/m<sup>3</sup>)</b></u>	<u><b>ACGIH TLV</b></u> <u><b>(8-hr. TWA)</b></u> <u><b>(mg/m<sup>3</sup>)</b></u>	<u><b>U.S. OSHA PEL</b></u> <u><b>(8-hr. TWA)</b></u> <u><b>(mg/m<sup>3</sup>)</b></u>
Nuisance Particulates	10 (inhalable) 3 (respirable)	10 (inhalable) 3 (respirable)	15 (total dust)

**Engineering Controls:** General ventilation normally adequate.

**Personal Protection:**

Eye/Face Protection: Not normally required. Wear protective goggles in workplaces where airborne dust levels cause eye irritation.

Skin Protection: Wearing gardening gloves is recommended.

Respiratory Protection: Not required for normal, domestic use.  
In workplaces where occupational exposure limits are exceeded, workers should wear an approved respirator. If respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection. Consult with respirator manufacturer to determine respirator selection, use and limitations.

**Work/Hygienic Practices:** Wash hands after handling the product. Do not eat, drink or smoke in work areas.

**Section 9: Physical and Chemical Properties**

<b>Physical State:</b>	Solid	<b>Flash Point &amp; method:</b>	Not applicable
<b>Appearance, Colour and Odour:</b>	Multi-coloured, granular, odour of fertilizer.	<b>Autoignition Temperature:</b>	Not applicable
<b>Odour Threshold:</b>	Not applicable	<b>Flammability Limits in Air:</b>	Not applicable
<b>pH:</b>	Not available	<b>Vapour Pressure:</b>	Not applicable
<b>Bulk density:</b>	Not available	<b>Vapour Density:</b> (Air = 1)	Not applicable
<b>Partition coefficient:</b> (n-octanol/water)	Not applicable	<b>Evaporation Rate:</b> (n-Butyl Acetate = 1)	Not applicable
<b>Solubility:</b>	>80% soluble in water	<b>Boiling Point/Range:</b>	Not applicable
<b>Viscosity:</b>	Not applicable	<b>Melting Point:</b>	Not applicable
<b>Decomposition Temperature:</b>	Not available		

**Section 10: Stability and Reactivity**

**Chemical Stability:** Stable

**Conditions to Avoid:** Not applicable

**Incompatible Materials:** Not available

**Hazardous Decomposition Products:** Thermally decomposes when heated to temperatures above 280°C. Some possible thermal decomposition products are very toxic and corrosive sulfur dioxide, sulfur trioxide, ammonia, and nitrogen.

**Possibility of Hazardous Reactions:** Not applicable

**Section 11: Toxicological Information****Acute Toxicity Data**

Acute oral, dermal and inhalation toxicity data are not available for this product. Toxicity data for the primary component substance:

<u>Component Substance</u>	<u>LD<sub>50</sub> Oral</u> (mg/kg)	<u>LD<sub>50</sub> Dermal</u> (mg/kg)	<u>LC<sub>50</sub> Inhalation</u> (4 hrs.)
Urea	8 471 (rat)	>21 000 (rabbit)	Not available

<b>Irritation:</b>	Inhaling high concentrations of dust may cause coughing and mild, temporary irritation. Irritating to the eyes as a foreign object.
<b>Corrosivity:</b>	Not applicable
<b>Sensitization:</b>	Not applicable
<b>Neurological Effects:</b>	Not applicable
<b>Genetic Effects:</b>	Not applicable
<b>Reproductive Effects:</b>	Not applicable
<b>Developmental Effects:</b>	Not applicable
<b>Target Organ Effects:</b>	Not applicable
<b>Carcinogenicity:</b>	This mixture does not contain any component that is considered a human carcinogen by IARC (International Agency for Research on Cancer), ACGIH (American Conference of Governmental Industrial Hygienists, OSHA or NTP (National Toxicology Program).

**Section 12: Ecological Information**

<b>Ecotoxicity:</b>	No toxic effects are expected.
<b>Persistence/Degradability:</b>	Non-persistent; inherently biodegradable.
<b>Bioaccumulation/Accumulation:</b>	Product does not bioaccumulate.
<b>Mobility:</b>	Water soluble.
<b>Other:</b>	Releases of fertilizer products into lakes, ponds and streams may promote growth of aquatic plants and algae.

**Section 13: Disposal Considerations**

<b>Waste Disposal Method:</b>	Discard the empty container in household garbage or offer for recycling. Follow municipal or provincial regulations where they apply.
-------------------------------	---

**Section 14: Transport Information**

<b>Canadian Transportation of Dangerous Goods (TDG):</b>	Not regulated
<b>U.S. Hazardous Materials Regulation (DOT 49CFR):</b>	Not regulated
<b>IMO Classification:</b>	Not regulated
<b>Marine Pollutants:</b>	Not applicable
<b>ICAO/IATA Classification:</b>	Not regulated

**Section 15: Regulatory Information****NSNR Status (Canada: New Substance Notification Regulations):**

All ingredients are listed, as required, on the Domestic Substances List (DSL) or are exempt.

**WHMIS (Canada: Workplace Hazardous Materials Information System):**

WHMIS Classifications: Not controlled

**NPRI Substances (Canada: National Pollutant Release Inventory):**

There are no NPRI reportable substances in this product.

**TSCA Status (U.S. Toxic Substance Control Act):**

All ingredients appear on the TSCA inventory or are exempt.

**Section 16: Other Information**

**Revision date:** August 30, 2012

**Manufacturer Disclaimer:**

The information contained herein is, to the best of the Manufacturer's (see Section 1 Product and Company Information) 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.

**Prepared by:**

LEHDER Environmental Services Limited  
Tel: (519) 336-4101  
[www.lehder.com](http://www.lehder.com)

While LEHDER Environmental Services Limited believes that the data set forth herein is accurate, as of the date hereof, LEHDER makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data is offered solely for your consideration, investigation and verification.