



Sure-Gro Inc.
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MATERIAL SAFETY DATA SHEET

PRODUCT: Ultra Turf 27-3-4 Turf Fertilizer with Crabgrass Control

SECTION 1 - PRODUCT INFORMATION

Fertilizer Registration No.: 2005112C
Chemical Family: Granular Fertilizer
Product Use: Domestic Fertilizer
TDG Classification: Not Regulated

Code: 8112041

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	WEIGHT %	CAS REG #	LD50 (mg/Kg)	T.W.A. - T.L.V.
Dithiopyr	0.17	978866-45-8	Oral: rat > 5000 Oral: mouse >5000 Dermal: rat> 5000	- Rat > 5.98 mg/L for 4 hours

SECTION 3 - PHYSICAL DATA

Physical State: Solid
Specific Gravity: Not Applicable
Boiling Point: Not Applicable
Vapour Pressure: Not Applicable
% Volatiles: Not Applicable
Solubility in Water: Soluble

Appearance\Odour: Multicolour granular fertilizer
pH: 8.1
Freezing/Melting Point: Not Applicable
Vapour Density: Not Applicable
Evaporation Rate: Not Applicable

SECTION 4 - FIRE AND EXPLOSION

Flash Point: Not Applicable
Lower Explosion Limit %: Not Applicable
Fire Extinguishing Media: Foam, Carbon Dioxide, Dry Chemical, Water Fog
Fire Fighting Procedures: Wear self-contained Breathing Apparatus and impervious clothing. Minimize the amount of water used and contain the run-off. Product will decompose on heating.
Other Fire or Explosion Hazards: Noxious fumes, hydrogen chloride and chloride containing compounds, oxides of nitrogen and other hazardous material may be formed in a fire situation.

Autoignition Temperature: Not Applicable
Upper Explosion Limit %: Not Applicable

SECTION 5 - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Elevated temperatures and high storage temperatures-above 40 °C
Incompatibility (Materials to Avoid): Strong oxidizers and acids.
Hazardous Decomposition Products: Hydrogen chloride, ammonia and oxides of nitrogen and carbon.

Hazardous Polymerization: Will Not Occur

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SECTION 6 - HEALTH HAZARD DATA

Acute Effects of Overexposure: Product dust can be irritating to the nose throat and respiratory tract. May cause coughing and sneezing. Dust may cause redness and irritation in the eyes.

Effects of Chronic Exposure: None of the ingredients are known carcinogens. The product may act as physical irritants to mucous membranes and the eyes. Prolonged contact with skin can lead to dermatitis. May cause skin sensitisation or other allergic responses.

SECTION 7 - FIRST AID PROCEDURES

Inhalation: Move victim to fresh air and restore breathing if required. Obtain medical advice if symptoms persist.

Skin Contact: Flush skin with running water and thoroughly wash with soap and water. If irritation persists seek medical attention.

Ingestion: Give 1 to 2 glasses (200 to 500 ml) of water to dilute material. Do not induce vomiting. OBTAIN MEDICAL ADVICE. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomitus, rinse mouth and administer more water. Do not induce vomiting or give anything by mouth to an unconscious person

Eye Contact: Flush eyes with running water for 20 minutes. Hold eyelids open during flushing. If irritation persists seek Medical Attention.

SECTION 8 - PREVENTIVE MEASURES

Respiratory Protection: Not required under normal usage. NIOSH/MSHA approved respirator, if required.

Eye Protection: Safety goggles.

Skin Protection: Chemical resistant gloves.

Other Personal Protective Equipment: Coveralls.

Engineering Controls: Local exhaust or ventilation.

Handling Procedures and Equipment: Avoid breathing dust, contact with eyes, skin and clothing. Wash thoroughly after use.

Storage Requirements: Store in cool, dry, ventilated area. Keep out of reach of children and pets.

Storage Temperature: Min: 5 °C Max: 40 °C

SECTION 9 - ENVIRONMENTAL PROTECTION DATA

Spill and Leak Procedures: Stop leak, contain spill and transfer into waste container for disposal. Clean area with broom.

Waste Disposal: Dispose of empty container in household garbage. Dispose of waste product in accordance with Local, Provincial or Federal government regulations.

Environmental Effects: Do not contaminate local water supplies or environments.

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Prepared by: Technical Department

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