



Sure-Gro Inc.  
P.O. Box 21001, Brantford, ON, N3R 7W9  
TEL (519) 754-2900 FAX (519) 754-2901



## MATERIAL SAFETY DATA SHEET

**PRODUCT:** Ultra Lawn Fertilizer 27-7-7 and Crabgrass Preventer

### SECTION 1 - PRODUCT INFORMATION

**P.C.P. Act Registration No.:** 2005110C

Code: 8610191

**Synonyms:** None

**Chemical Family:** None

**Product Use:** Turf Fertilizer

**TDG Classification:** Not Regulated

### 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 Available

**Boiling Point:** Not Applicable

**Vapour Pressure:** Not Available

**% Volatiles:** Not Available

**Solubility in Water:** Slightly Soluble

**Appearance\Odour:** Multicolour granular fertilizer

**pH:** Not Available

**Freezing/Melting Point:** Not Available

**Vapour Density:** Not Applicable

**Evaporation Rate:** Not Available

### SECTION 4 - FIRE AND EXPLOSION

**Flash Point:** None

**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. Treat for surrounding material.

**Other Fire or Explosion Hazards:** Toxic gases may be released in fire. Fire fighter should wear self-contained breathing apparatus.

**Autoignition Temperature:** Not Available

**Upper Explosion Limit %:** Not Applicable

### SECTION 5 - REACTIVITY DATA

**Stability:** Stable

**Conditions to Avoid:** Not Available

**Incompatibility (Materials to Avoid):** Strong oxidizing agents, acids.

**Hazardous Decomposition Products:** Oxides of carbon, oxides of nitrogen, ammonia, cyanuric acid, oxides of sulphur, oxides of phosphorus, hydrogen chloride when heated to decomposition.

**Hazardous Polymerization:** Will Not Occur

# Ultra Lawn Fertilizer 27-7-7 and Crabgrass Preventer

## SECTION 6 - HEALTH HAZARD DATA

**Acute Effects of Overexposure:** May cause irritation to eyes, skin, nose, throat, and respiratory tract. May cause stomach distress and other medical problems if ingested in large quantities.

**Effects of Chronic Exposure:** Long-term inhalation of dust may cause delayed lung injury.

## 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:** 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. Clean area with broom. Collect material for proper disposal. Rinse area with water. Prevent large spills from entering sewers or waterways.

**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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