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## MATERIAL SAFETY DATA SHEET

**PRODUCT: Vigoro Ultra Turf Fall Fertilizer (12-03-18)**

### SECTION 1 - PRODUCT INFORMATION

**Fertilizer Registration No.:**

**Code: 8102051, 8102061**

**Chemical Family:** Granular Fertilizer

**Product Use:** Domestic Fertilizer

**TDG Classification:** Not Regulated

### SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	WEIGHT %	CAS REG #	LD50 (mg/Kg)	T.W.A. - T.L.V.

### 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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