



## MATERIAL SAFETY DATA SHEET

PRODUCT: TURF STARTER 16-24-12

CODE: 141311

### SECTION 1 - PRODUCT INFORMATION

**P.C.P. Act Registration No.:** Not Applicable  
**Chemical Family:** Granular Fertilizer  
**Product Use:** Turf Fertilizer  
**TDG Classification:** Not Regulated

### SECTION 2 – HAZARDOUS INGREDIENTS

INGREDIENTS	WEIGHT %	CAS REG #	LD 50 (mg/Kg)	T.W.A. – T.L.V.
No Hazardous Ingredients				

### SECTION 3 - PHYSICAL DATA

**Physical State:** Solid  
**Specific Gravity:** ~ 2.0 – 2.8  
**Boiling Point:** Not Available  
**% Volatiles:** Not Available  
**Solubility in Water:** Soluble

**Appearance/Odour:** Multicolour granular fertilizer  
**pH:** 8.0  
**Freezing/Melting Point:** 133 °C - 927 °C  
**Vapour Density:** Not Available  
**Evaporation Rate:** Not Available

### SECTION 4 - FIRE AND EXPLOSION

**Flash Point:** Not Applicable  
**Lower Explosion Limit %:** Not Applicable  
**Fire Extinguishing Media:** Water fog, dry chemical, foam, carbon dioxide.

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

**Fire Fighting Procedures:** Wear self-contained Breathing Apparatus and impervious clothing. Minimize the amount of water used and contain the run-off. The products may decomposes on heating

**Other Fire or Explosion Hazards:** Toxic gases may be released in fire.

### SECTION 5 - REACTIVITY DATA

**Stability:** Stable

**Hazardous Polymerization:** Will Not Occur

**Conditions to Avoid:** Excessive heat; absorbs moisture above 60% relative humidity.

**Incompatibility (Materials to Avoid):** Reactive with oxidizing agents, reducing agents, alkalis, and moisture. Moderately corrosive to metals when wet. Reacts with sodium or calcium hypochlorite to form nitrogen trichloride, which may explode spontaneously. Incompatible with sodium nitrite, phosphorus pentachloride and nitrosyl perchlorate.

**Hazardous Decomposition Products:** May include and are not limited to ammonia, cyanuric acid, biuret and/or oxides of nitrogen and formaldehyde.

## SECTION 6 - HEALTH HAZARD DATA

**Acute Effects of Overexposure:** Product dust can be irritating to the eyes, skin and/or mucous membranes. Ingestion can cause stomach distress, GI tract disorder, nausea, diarrhea or vomiting.

**Effects of Chronic Exposure:** May reduce lung function.

## SECTION 7 - FIRST AID PROCEDURES

**Inhalation:** Move away from dusty environments and to fresh air. OBTAIN MEDICAL ADVICE if symptoms persist.

**Skin Contact:** Flush skin and hair thoroughly with soap and water. If irritation occurs seek medical attention.

**Ingestion:** Rinse mouth with water and drink 1 to 2 glasses of water (200 to 500 ml) to dilute material. Induce vomiting. Vomiting should only be induced under the direction of a physician or Poison control information centre. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing of vomitus, rinse mouth and administer more water. OBTAIN MEDICAL ADVICE. 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 normally required if good ventilation is maintained.

**Eye Protection:** Chemical goggles or glasses

**Skin Protection:** Chemical resistant gloves to avoid the drying of the skin.

**Other Personal Protective Equipment:** None required.

**Engineering Controls:** None required under normal use conditions.

**Storage Requirements:** Store in cool, dry area away from children.

**Storage Temperature:** Min: None 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. Prevent large spills from entering sewers or waterways.

**Waste Disposal:** Dispose of empty container in household garbage. Dispose of spilt product as a Fertilizer, 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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