



MATERIAL SAFETY DATA SHEET

PRODUCT: Fairway with Magnesium 16-4-16

Code: 5147221

SECTION 1 - PRODUCT INFORMATION

Fertilization Act Registration No.: Not Applicable

Chemical Family: Granular Fertilizer

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.
No Hazardous Ingredients				

SECTION 3 - PHYSICAL DATA

Physical State: Solid

Specific Gravity: ~ 2.66

Boiling Point: Not Applicable

Vapour Pressure: Not Applicable

% Volatiles: Not Applicable

Solubility in Water: Soluble

Appearance/Odour: Multicolour granular fertilizer.

pH: 8.0

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 and Water.

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

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

Hazardous Polymerization: Will not occur

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

Incompatibility (Materials to Avoid): Avoid contact with oxidizing & reducing agents, metals, alkalis, and moisture. Contact with calcium or sodium hypochlorite with form nitrogen trichloride. Avoid contact with sodium nitrite, and phosphorus pentachloride and nitrosyl perchlorate. Moderately corrosive to metals when wet. Reacts with noble metals, bromine or trifluoride. Potentially explosive reaction may occur if NaCl is mixed with dichloromaleic anhydride and urea. Electrolysis of mixture containing NaCl and nitrogen compounds may form explosive nitrogen trichloride.

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Hazardous Decomposition Products: May release oxidize of nitrogen, sulphur and carbon, ammonia, cyanuric acid, carbon dioxide, biuret and phosphorus oxides when heated.

SECTION 6 - HEALTH HAZARD DATA

Acute Effects of Overexposure: Dust from product may cause irritation to eyes, skin, throat, mouth, mucous membranes and respiratory tract. May cause coughing and sneezing vomiting, diarrhea, nausea abdominal cramps and G.I. tract disorder. Dust may cause redness and irritation in the eyes.

Effects of Chronic Exposure: The products may acts as physical irritants to mucous membranes and the eyes. Prolonged contact with skin can lead to defatting and dermatitis. May cause 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: 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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