



MATERIAL SAFETY DATA SHEET

PRODUCT: 6 Iron® (15-0-0)

SECTION 1 - PRODUCT INFORMATION

P.C.P. Act Registration No.: Not Required

Code: 5850001

Chemical Name: Ferrous Sulphate

Synonyms: Not Applicable

Chemical Family: Not Applicable

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.
Ferrous Sulphate	30.0	7720-78-7	Oral,mouse 1520	-
Calculated LD50 for the mixture				

SECTION 3 - PHYSICAL DATA

Physical State: Liquid

Specific Gravity: 1.000

Boiling Point: 103 °C

Vapour Pressure: No Data

% Volatiles: No Data

Solubility in Water: Miscible

Appearance\Odour: Clear Greenish liquid/Slight

pH: 1.80

Freezing/Melting Point: -20 °C

Vapour Density: No Data

Evaporation Rate: No Data

SECTION 4 - FIRE AND EXPLOSION

Flash Point: Not Applicable

Lower Explosion Limit %: Not Applicable

Fire Extinguishing Media: Foam, Dry Chemical, Carbon Dioxide, Water Fog

Fire Fighting Procedures: Wear self-contained Breathing Apparatus and impervious clothing. Minimize amount of water used and contain the run-off by diking.

Other Fire or Explosion Hazards: Combustion products are toxic.

Autoignition Temperature: No Data

Upper Explosion Limit %: Not Applicable

SECTION 5 - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Excessive heat.

Incompatibility (Materials to Avoid): Oxidizing agents, bases and carbonates.

Hazardous Decomposition Products: Oxides of sulphur.

Hazardous Polymerization: Will Not Occur

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SECTION 6 - HEALTH HAZARD DATA

Acute Effects of Overexposure: Product is corrosive to the skin and eyes. Inhalation of mist may irritate the nose, throat and respiratory tract. Ingestion of large amounts may cause stomach pain, vomiting, difficult breathing and circulatory shock.

Effects of Chronic Exposure: May cause liver damage.

Other Health Effects: None Known.

SECTION 7 - FIRST AID PROCEDURES

Inhalation: Move victim to fresh air. Give Artificial Respiration ONLY if required. Give CPR if there is NO breathing AND NO pulse. 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. If vomiting occurs, lean victim forward with head down to avoid breathing vomitus. DO NOT induce vomiting. OBTAIN MEDICAL ADVICE.

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: Prolong usage requires NIOSH/MSHA approved respirator.

Eye Protection: Chemical goggles.

Skin Protection: Chemical resistant gloves.

Other Personal Protective Equipment: Coveralls.

Engineering Controls: Local exhaust or ventilation.

Handling Procedures and Equipment: Avoid breathing vapours, 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: 0 °C Max: 40 °C

SECTION 9 - ENVIRONMENTAL PROTECTION DATA

Spill and Leak Procedures: Stop leak, contain spill by diking and absorb with suitable absorbent and transfer into waste container for disposal. Clean area with detergent and water, absorb wash and place in waste container. Remove any contaminated soil for proper disposal.

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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