

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

12-0-0
MAXX IRON

Manufacturer / Supplier
J. Wilson Agencies
Ph: 604-864-9044
Night: 604-864-9326
Fax: 604-864-8418



EMERGENCY TELEPHONE NUMBER
Canutec (613) 996-6666

2. HAZARDOUS INGREDIENTS

<u>Hazardous Ingredients</u>	<u>%</u>	<u>CAS#</u>	<u>TLV</u>	<u>LD₅₀</u> (oral)	<u>LC₅₀</u>
Iron Sulphate heptahydrate	26	7720-63-0	1mg/m ³	(rat) 1460 mg/kg	N/AV
Iron Chelate	4	N/AV	N/AV	N/AV	N/AV
<u>Non-hazardous Ingredients</u>					
Urea		57-13-6	10mg/m ³	(rat) 8471 mg/kg	N/AV

3. PHYSICAL DATA

Physical state: Liquid
Specific gravity: N/AP
Boiling point: N/AV
Melting point: N/AV
Appearance and Odour: very dark, blue green colour with acidic, sour odour
Odour Threshold (ppm): N/AV
Vapour Density: N/AV
Vapour Pressure (mmHg): N/AV
pH: N/AV
Evaporation Rate: N/AV
Coefficient of Water/Oil Distribution: N/AV

4. FIRE AND EXPLOSION DATA

Flammability under which conditions: N/AP
Means of Extinction: Does not burn. Use extinguishing media appropriate to the surrounding fire conditions
Flashpoint: N/AP
Autoignition Temperature: N/AP
Hazardous Combustion Products: N/AP
Upper Flammable Limit (% by volume): N/AP
Lower Flammable Limit (% by volume): N/AP
Explosion Data – Sensitivity to Impact: N/AP
Explosion Data- Sensitivity to Static Discharge: N/AP

5. REACTIVITY DATA

Chemical Stability: normally stable

Incompatibility with Other Substances: Reactive with oxidizing agents, alkalis

Hazardous Decomposition Products: Sulphur dioxides

6. TOXICOLOGICAL PROPERTIES

Routes of Entry

Skin Contact: Y **Skin Absorption:** N **Eye Contact:** Y **Inhalation:** N **Ingestion:** N

Effects of Short-Term (Acute) exposure to Product: Will cause painful irritation to the eyes and respiratory system. Mildly irritant to the skin. Ingestion of large amounts can produce gastrointestinal disturbances, severe shock, vomiting, liver damage, tachycardia and death.

Effects of Long-Term (chronic) exposure to Product: None reported, but conditions aggravated by overexposure can include dermatitis, asthma, conjunctivitis, stomach or digestive problems.

Irritancy: YES, skin and respiratory system

Sensitization: no

Carcinogenicity: no

Reproductive Toxicity: no

Teratogenicity: no

Mutagenicity: no

Synergistic Products: N/AV

7. PREVENTIVE MEASURES

Personal Protective Equipment

Gloves: Y **Respirator:** N **Eye:** Y **Footwear:** Y **Clothing:** Y **Other**

If Y above specify

Gloves: Rubber, Nitrile

Eye: Dust or splash-proof chemical safety goggles or face shield

Clothing: Rubber or Nitrile gloves, long sleeve shirts and pants or coveralls, boots, and/or other resistant protective clothing. Have a safety eyewash fountain readily available in the work area.

Engineering Controls: Use local exhaust ventilation to control dust or mist. Supply sufficient replacement air to make up for air removed by exhaust system, process of personnel enclosure and control of process conditions.

Leak and Spill Procedures: Restrict access to area until completion of clean-up. Provide adequate personal protective equipment and ensure clean-up is conducted by trained personnel only. Ventilate area. Remove any reactive chemicals from the area.

Waste Disposal: According to local, provincial and federal government requirements

Handling Procedures and Equipment: Avoid inhalation and eye contact. Wear rubber or Nitrile gloves, chemical splash goggles and dust mask. Do not mix with incompatible materials. (see Section 5)

Storage Requirements: Keep in a cool, dry and well-ventilated area. Store away from incompatible materials

Special Shipping Information: Normal shipping procedures **PIN:** N/AV

8. FIRST AID MEASURES

Inhalation: Remove source of contamination or have victim move to fresh air. Give artificial respiration ONLY if breathing has stopped. Give cardiopulmonary resuscitation (CPR) if there is no breathing AND no pulse. Obtain medical advice immediately

Ingestion: Not normally ingested. DO NOT induce vomiting. If the victim is conscious, give a little water or milk. NEVER give an unconscious person anything to ingest. If irritation or discomfort occurs, obtain medical advice immediately.

Skin Contact: Flush with lukewarm, gently flowing water until the chemical is removed. Remove contaminated clothing, shoes and leather goods (e.g. watchbands, belts, etc.). Obtain medical attention if pain or irritation develops or persists. Completely decontaminate clothing, shoes and leather goods before re-use or discard.

Eye Contact: Do not let victim rub eyes. **IMMEDIATELY** flush eye(s) with running water for at least 20 minutes, while holding the eyelid(s) open. COLD water may be used. If irritation persists, repeat flushing. Obtain medical attention immediately.

9. PREPARATION INFORMATION

Prepared by:
Cody Cruise
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