

Iron Max 5-0-0

MATERIAL SAFETY DATA SHEET

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product: Iron Max 5-0-0

Manufacturer: Quest Products Corporation
601 Countryside Drive Louisburg KS 66053

Date of Preparation: 08/01/06

Date of Revision:

Emergency Telephone: 913-837-3089

CHEMTREC 1-800-424-9300

Section 2: HAZARDOUS INGREDIENTS

<u>CHEMICAL NAME/SYNONYM(S)</u>	<u>CAS NO.</u>	<u>ACGIH TLV/TWA</u>	<u>OSHA STEL</u>	<u>NIOSH REL/TWA</u>
Copper Sulfate	7758-99-8	1 mg/m ³ (1)	not listed	1 mg/m ³ (1)
Iron (II) Sulfate	7720-78-7	1 mg/m ³ (2)	not listed	1 mg/m ³ (2)
Manganese Sulfate	7785-87-7	0.2 mg/m ³ (3)	0.2 mg/m ³ (3)	not listed
Polyalkyleneoxide modified heptamethyltrisiloxane (less than 0.5%) (OSHA regulated)				
	(1) as Cu	(2) as soluble iron salt	(3) as Mn	

Section 3: HAZARDS IDENTIFICATION

May cause severe eye irritation, and/or slight skin irritation. May be harmful if ingested in large quantities.

NFPA: HEALTH: 1 REACTIVITY: 0 FLAMMABILITY: 0 ENVIRONMENT: 0
(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

Section 4: FIRST AID MEASURES

Eyes: Rinse eyes with plenty of running water for at least 15 minutes. *Get immediate medical attention.*

Skin: Remove contaminated clothing and/or shoes. Wash with plenty of soap and water. *Get medical attention if irritation develops.*

Ingestion: If conscious and alert, administer water and milk to dilute, then induce vomiting. Call a physician or Poison Control Center immediately. Do not give anything by mouth to an unconscious person.

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth and get medical attention.

Section 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Chemical Foam, Carbon Dioxide, Water Fog, Dry Chemical.

Special Fire Fighting Procedures: Wear positive pressure, self-contained breathing apparatus & full protective clothing. Avoid smoke inhalation. Contain any liquid runoff; do not let product enter drains. Thermal decomposition may release irritating gas and vapors.

Section 6: ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS SPILLED: Prevent spillage from entering drinking water supplies or streams. Collect liquid or absorb onto inert material and package for disposal.

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Section 7: HANDLING & STORAGE

Avoid skin, eye and clothing contact with product or product mist. Do not contaminate waters when disposing of equipment washwaters.

Store only in original container in cool, dry, well ventilated area. Do not store near food or feeds.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Chemical splash goggles or full face shield to prevent eye contact.

Skin: Impervious gloves and clothes.

Respiratory: Not normally required. If mist is formed, use NIOSH/MSHA -approved mist respirator.

Section 9: PHYSICAL & CHEMICAL PROPERTIES

Black, free flowing liquid with earthy odor.

Specific Gravity: 1.25

Solubility in Water: Soluble

pH: 3.7

Section 10: STABILITY & REACTIVITY

Stability: Stable

Conditions to Avoid: Extreme heat. Do not freeze.

Incompatibility: Not known.

Hazardous Decomposition Products: Burning may release carbon monoxide or carbon dioxide. Toxic metal oxides may be produced.

Hazardous Polymerization: Will Not Occur

Section 11: TOXICOLOGICAL INFORMATION

Toxicity Data: No toxicological data available.

Positive Teratogen/Mutagen/Carcinogen (NTP): NO.

Potential Carcinogen OSHA/IARC: NO.

Section 12: ECOLOGICAL INFORMATION

Toxic to: fish, birds, or wildlife: No data available.

Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method(s): Do not reuse empty container. Do not contaminate any waters by discharge of waste effluents or equipment washwaters. Dispose of waste materials only in accordance with applicable federal, state and local laws and regulations.

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Section 14: TRANSPORTATION INFORMATION *DOT Shipping Information*

Proper Shipping Name: Not Regulated

Section 15: REGULATORY INFORMATION

SARA Information: SARA TITLE III; SEC. 311/312 HAZARD CATEGORIES

Immediate (Acute) Health: Yes

Sudden Release of Pressure: No

Delayed (Chronic) Health: No

Reactivity: No

Fire: No

Sec. 304 (CERCLA): None

SARA TITLE III-SEC. 313 SUPPLIER NOTIFICATION: None.

Section 16: OTHER INFORMATION

Format follows ANSI-Z400.1-2004.

NA= Not Applicable ND= Not Determined