



Safety Data Sheet

BioMin[®] Iron

SECTION 1: Product and Company Identification

Safergro Laboratories, Inc.
4987 Olivas Park Drive, Ventura, CA 93003
Tel: (805) 650-8918 Fax: (805) 650-8942
info@safergro.com

Product name: BioMin[®] Iron
Product code: 0303 / 751010
Product use: Plant fertilizer
Product type: Liquid

24-Hour Emergency tel: (800) 633-8253 (U.S. & Canada)
(801) 629-0667 (International)

SECTION 2: Hazards Identification

Signal word: None
Label element: None
Hazard statement: Not hazardous
Precautionary statement: Do not swallow.
First Aid: If swallowed: Seek medical attention. Rinse mouth.
Storage & Disposal: Store in a safe manner. Dispose product/container in accordance with federal, state, and local regulations.

SECTION 3: Composition/Information on Ingredients

Component	CAS No.	%
Ferrous sulfate	7720-78-7	n/a
Hydrolyzed vegetable protein	68607-88-5	n/a

The specific identity and/or exact percentage of composition is not provided because it is a trade secret. Product is not considered hazardous under OSHA Hazard Communication Standard (29 CFR 1910.1200).

SECTION 4: First Aid Measures

Inhalation: Remove from source of exposure. Get medical attention if necessary.
Skin contact: Wash thoroughly with soap and water. Get medical attention if necessary.
Eye contact: Wash eyes with plenty of water for at least 15 minutes. Be sure to remove contact lenses. Get medical attention if necessary.
Ingestion: Wash out mouth with plenty of water. Do not induce vomiting. Get medical attention if necessary.

SECTION 5: Firefighting Measures

Suitable extinguishing media: Water spray, dry chemical, carbon dioxide, foam
Special hazards arising from the substance or mixture: None
Protection for firefighters: Wear protective clothing and equipment

SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Wear protective clothing, gloves, and safety eye goggles.

Environmental precautions

Avoid discharge into environment

Methods and material for containment and cleaning up

Contain all spills and leaks to prevent discharge into the environment. Use appropriate tools to transfer spill material to proper disposal container. Or recover material and use it for its intended purpose.

SECTION 7: Handling and Storage

Precautions for safe handling

Avoid overheating or freezing

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area away from direct sunlight. Keep containers tightly closed when not in use.

SECTION 8: Exposure Controls/Personal Protection

Exposure controls

Product has no occupational exposure limits. Avoid inhaling dusts or vapors. Practice good industrial hygiene and safety.

Personal protection

Eye protection: Eye protection is not required. To avoid contact with eyes, use safety eye goggles.
Skin protection: Wear protective clothing as necessary to minimize contact. Use chemical resistant gloves.
Respiratory protection: Not required. Wear approved respiratory equipment if necessary.



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SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Light to dark brown liquid	Vapor pressure	Not applicable
Odor	Slight odor	Vapor density	Not applicable
pH	3 – 5	Relative density	1.14 g/ml
Physical state	Liquid	Solubility	Soluble in water
Melting point / Freezing point	0°C / 32°F	Partition coefficient	Not applicable
Boiling point	100°C / 212°F	Auto-ignition temperature	Not applicable
Flash point	Not applicable	Decomposition temperature	Not applicable
Evaporation rate	Not applicable	Viscosity	Not viscous
Flammability	Non-flammable	Explosive properties	Non-explosive
Explosive limits	Not applicable	Oxidizing properties	Non-oxidizer

SECTION 10: Stability and Reactivity

Reactivity: None

Chemical stability: Product is stable.

Possibility of hazardous reactions: Under normal conditions, hazardous reaction will not occur.

Conditions to avoid: Avoid heat

Incompatible materials: High pH chemicals

Hazardous decomposition products: No known hazardous decomposition products.

SECTION 11: Toxicological Information

Information on toxicological effects

Acute toxicity	May be harmful if swallowed	Dose toxicity	Not known to be toxic
Irritation	May cause irritation	Carcinogenicity	Not known to be carcinogenic
Corrosivity	Not known to be corrosive	Mutagenicity	Not known to be mutagenic
Sensitization	Not known to cause sensitization	Reproductive toxicity	Not known to cause reproductive harm

SECTION 12: Ecological Information

Ecotoxicity: Not hazardous.

Persistence and degradability: Degradable

Bioaccumulative potential: Not available

Mobility in soil: Soluble in water and may disperse in soil.

SECTION 13: Disposal Considerations

Waste treatment methods

Not hazardous waste. Dispose of product in accordance with regulations.

SECTION 14: Transport Information

DOT: Not dangerous goods

IATA: Not dangerous goods

IMDG: Not dangerous goods

SECTION 15: Regulatory Information

CERCLA: Ferrous sulfate (CAS# 7720-78-7)

California Prop 65: No substance

SARA 311/312 Hazards: No substance

SARA 313: No substance

Not Subject to "Right-To-Know" legislation in the following states

Massachusetts, New Jersey, Pennsylvania

SECTION 16: Other Information

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