

MATERIAL SAFETY DATA SHEET: IRON CHELATE

STATEMENT OF HAZARDOUS NATURE

Hazardous according to criteria of Worksafe Australia

COMPANY DETAILS

Company: Heiniger Home & Garden Care Pty Ltd
Address: 5 Devon Street,
Lonsdale, South Australia, 5160.
Telephone Number: 1300 739 399
Emergency Telephone Number: Poisons Information Centre: 131126

IDENTIFICATION

Product Name: IRON CHELATE
Other Names: Iron as Iron Polyflavonoid
Manufacturer's Product Code: Not available
U.N. Number: Not available
Dangerous Goods Class & Sub. Risk: Not available
Hazchem Code: Not available
Poisons Schedule Number: Not available
Use: Soil Nutrient – Overcoming Iron Chlorosis in Trees and Shrubs

Physical Description/Properties

Appearance: Fine, brownish black powder
Boiling Point/Melting Point: Not available
Vapour Pressure: Not available
Specific Gravity: Solid
Flashpoint: Not available
Flammability Limits: Not available
Solubility in Water: Soluble

Other Properties:

Ingredients:

Chemical Name:	CAS Number	Proportion
Iron (as iron polyflavonoid)	N/A	96g/kg
Sulphur (as iron polyflavonoid)	N/A	70g/kg

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HEALTH HAZARD INFORMATION

Health Effects

Acute: Low toxicity
Swallowed: Harmful if swallowed.
Eye: Irritating to eyes
Skin: Slightly irritating to skin.
Inhaled: Inhalation to dust may cause respiratory irritation.

Chronic: Insufficient data.

First Aid

Swallowed: If swallowed, rinse mouth immediately with water and seek medical advice.
Eye: Immediately irrigate with copious quantity of water for at least 15 minutes.
Skin: Wash affected areas with copious quantities of soap and water. Remove contaminated clothing and launder for re-use.
Inhaled: Remove to fresh air.

First Aid Facilities: If poisoned contact a Doctor or Poisons Information Centre.

Advice to Doctor: Treat Symptomatically.

PRECAUTIONS FOR USE

Exposure Standards: No exposure standards set.
Engineering Controls: Local ventilation required.
Personal Protection:

Respirator Type: Approved agricultural respirator.
Glove Type: Elbow length PVC gloves.
Eye Protection: Chemical goggles (with sides) or face shield.
Clothing: Overalls, impervious boots and washable hat.
Other: Remove and launder all contaminated clothing before eating, drinking or smoking and at the end of each working day.

Flammability:

Fire Hazards: Non flammable
Sources of Ignition Advice: Keep away from ignition sources to avoid possibility of product being involved in fire.

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SAFE HANDLING INFORMATION

Storage and Transport:

Do not ship or store with food, feedstuffs, clothing or drugs. Keep out of reach of children. Handle with care. Product hazardous if absorbed by skin contact, inhaled or swallowed. Practice good hygiene.

Temperature Conditions: Store at ambient temperature. Do not overheat.
Storage Incompatibilities: Foodstuffs

Spills and Disposal:

Clean Up Spills/Leaks: Sweep up spill. Prevent contamination of water supplies.
Precautions for Clean Up Crew: Wear protective clothing. Prevent contamination of water supply.

Disposal Method: Bury clean up material from spills in an approved landfill in accordance with state and/or local government regulations.

Fire/Explosion Hazard:

Hazards of Use/Storage: Stable under normal conditions of storage.
List of Dangerous Decomposition or Combustion Products: None known.

Fire Fighting Recommendations

Types of Extinguisher/Fire-Fighting Agents: Water spray, foam, dry chemical or CO₂
Precautions: In case of severe fire, wear breathing apparatus and protective clothing.
Protective Clothing: Full personal protection required.
Reactivity: Stable under normal conditions, but may emit toxic fumes when subjected to extreme heat.
Hazchem Code: None allocated.

OTHER INFORMATION:

Always read the product label before use.

CONTACT POINT:

Telephone Number: 1300 739 399 (Business Hours)

Poisons Information Centre (Australia): 131126

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