

Safety Data Sheet
Metagen Bio-Chelator • page 1 of 4

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name: Metagen Bio-Chelator

Other Names: N/A

Recommended Use: Bioremedial Product

Manufacturer: Metagen Pty Ltd

108 Chadwick Road, Gatton 4343 QLD

Australia

Emergency Phone No: 0448 082 841

0447 446 816

2. HAZARDS IDENTIFICATION

Hazard Classification: Not classified as hazardous

Risk Phrase(s): N/A

Safety Phrase(s): N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients not classified as hazardous

4. FIRST AID MEASURES

Eye Contact: Flush immediately with water for 15 minutes (Remove contact lenses when worn).

Skin Contact: Wash with water and soap.

Ingestion: Take antacid.

Inhalation: Not expected, get fresh air.

Special Note: Allergic reaction unlikely, contact physician if needed.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Foam, CO2, dry chemical, water

Specific hazards: Not flammable and does not support combustion. Avoid heating in confined space.

Protective equipment: Wear protection gear and breathing apparatus.

Safety Data Sheet
Metagen BIO-CHELATOR • page 2 of 4

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Will be slippery on solid surfaces. Evacuate person to safe area. Use proper personal equipment as indicated in section 8.
Environmental precautions:	Depending on amount of spillage, avoid runoff into sewers, ditches, and water ways.
Containment and clean up:	Contain spill with inert dry material, such as vermiculite or sand. Neutralize before disposal by adding slowly sodium carbonate. Sweep or vacuum up and place in suitable container for proper disposal. Dispose of in accordance with local laws. Generally not considered harmful for drain disposal after neutralization to pH 6-7.8.

7. HANDLING AND STORAGE

Handling:	Wash hands with soap and water after use. Avoid contact with eyes, skin, and clothing. Wear safety goggles. Keep out of reach of children. Do not inhale vapor, spray, or mist. Keep container closed when not in use.
Storage:	1°C to 40°C. Significant changes in temperature may lead to swelling or contraction of packaging; this is normal and does not indicate defect in material.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards:	N/A
Biological Limit Values:	N/A
Engineering Controls:	N/A
Personal Protective Equipment:	Rubber or neoprene gloves; Safety goggles; Wear approved mask when spray mist may be contacted.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Medium brown transparent liquid
Odor:	Slight to medium sweet smell
pH:	~2.5
Vapor pressure:	N/A
Vapor density:	N/A

Safety Data Sheet
Metagen BIO-CHELATOR • page 3 of 4

Boiling point/range: 102° C
Freezing point: -2° C
Solubility: Soluble in water
Specific gravity or density: 1.15 Mg/m³

10. STABILITY AND REACTIVITY

Chemical stability: Stable with moderately low pH
Conditions to avoid: High pH conditions
Incompatible materials: Strong oxidizers and alkalis
Hazardous decomposition: Under extreme heat may release carbon dioxide, carbon monoxide, and other undetermined by-products of organic combustion.
Hazardous reactions: None expected

11. TOXICOLOGICAL INFORMATION

As with all natural organic materials, allergic reactions are possible. None have been reported.

Acute toxicity: No data available
Skin corrosion/irritation: May cause brief, mild irritation due to low pH
Serious eye damage/irritation: May cause brief, mild irritation due to low pH
Respiratory or skin sensitization: No data available
Germ cell mutagenicity: No data available
Carcinogenicity: No data available
Reproductive toxicity: No data available
Specific Target Organ Toxicity (STOT):
Single exposure: No data available
Repeated exposure: No data available
Aspiration hazard: No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity: N/A
Persistence and degradability: Relatively short persistence, biodegradable
Mobility: N/A
Additional Information: Acidic, may depress pH
Soluble in water
