

Date of issue: 12/03/2007

Not Classified as hazardous according to the criteria of Worksafe Australia.

## 1. IDENTIFICATION

### 1.1 General

**Product Name:** **BROADHECTARE ZnMn**

**Suppliers Name:** AgroBest Australia Pty. Ltd.  
 9 Palings Court, Nerang QLD 4211  
 07 55960622

**UN No.:** N/A

**Dangerous Goods Class:** None allocated

**Subsidiary Risk:** None Allocated

**Hazchem Code:** None Allocated

**Uses:** Fertiliser

### 1.2 Physical Description / Properties

**Appearance:** Light brown mild smelling liquid

**Formula:** Proprietary

**Boiling Point:** N/A

**Melting Point:** N/A

**Vapor Pressure (mmHg):** N/A

**Vapor Density (air = 1):** N/A

**Specific Gravity:** 1.28

**Evaporation Rate (Butyl Acetate = 1):** N/A

**PH:** 2.8

### 1.3 Other Properties

Soluble in water

### 1.4 Ingredients

Zinc and Manganese and other proprietary organic acid products.

**Chemical Name** Manganous Sulphate **CAS No:** 10034-96-5

Zinc Sulphate **CAS No.:** 7733-02-0

## 2. HEALTH HAZARD INFORMATION

### 2.1 Health Effects Acute

**Swallowed:** Adverse effects are not expected.

**Eye:** Contact may result in slight irritation.

**Skin:** Adverse effects are not expected.

**Inhaled:** Adverse effects are not expected.

### 2.2 Health Effects – Chronic

**Skin:** Skin sensitisation may occur if frequently handled by hypersensitive persons

### 2.3 First Aid

**Swallowed:** If swallowed, **seek medical advice immediately.** Rinse mouth out  
 Ingestion may cause diarrhea, nausea, vomiting and cramps.

**Eye:** If eye contact occurs, wash open eyes thoroughly under running water for 15  
 minutes. Seek medical attention if irritation persists.

**Skin:** If skin contact occurs. Wash thoroughly under running water. Remove  
 contaminated clothing and launder thoroughly before re-use.

**Inhaled:** If discomfort is felt after inhalation, remove affected person to fresh air.  
 If effects persist seek medical advice.

### 2.4 First Aid Facilities

Ensure an eye bath and safety shower are available and  
 ready for use.

**2.5 Advice to Doctor**  
Treat Symptomatically.

**2.6 Toxicity Data**  
Low Toxicity  
Calculated Rabbit Dermal LD50 > 40,000mg/kg  
Calculated Rat Oral LD50 < 70,000mg/kg.

### 3. PRECAUTIONS FOR USE

**3.1 Exposure Standards**  
An exposure standard has not been established however the following is recommended. TWA 10 mg/m<sup>3</sup>

**3.2 Engineering Controls**  
Ensure workplace is well ventilated to maintain air concentrations below exposure standard.

**3.3 Personal Protection**  
Protective clothing including gloves and eye protection recommended at all times. Wash hands and face thoroughly before work breaks and before going home.

**3.4 Flammability**  
Flash point above 268c COC.  
Volatility 6% max at 363 F. Stable in the presence of light and moisture.

### 4. SAFE HANDLING INFORMATION

**4.1 Storage / Transport**  
Not classified as a dangerous good for transport by road or rail. Not classified as a dangerous good for storage. Keep containers tightly sealed. Store in a cool, dry area. Ensure all storage areas are well ventilated. Protect from heat, moisture and light.

**4.2 Packaging / Labeling**  
Safety Phrases: Keep out of reach of children

**4.3 Spills and Disposal**  
Slippery when spilt. Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes. Contain and absorb spill with sand, earth, inert material or vermiculite. Place in a suitable labeled container or area for waste disposal. Recycle wherever possible. Small amounts of waste can be disposed together with industrial waste to approved landfill in accordance with local regulations. Flush away spill area residues with copious amounts of water.

**4.4 Fire and Explosion**  
Not applicable.

### 5. OTHER INFORMATION

**5.1 Other Information:**  
This product is Biodegradable

### 6. CONTACT POINT

**AgroBest Australia Pty. Ltd.      07 55 960 622**

**Poisons Information Centre      131126**