

**1. Identification of the Substance/Preparation:**

**Use:** Powdered plant fertilizer  
**Product name:** FLORAMAX CA-MG-FE (10-0-20)  
**Company:** Floraden Pty Ltd t/as Floragarden Wholesale  
**Address:** PO Box 173, Applecross WA, 6953, AUSTRALIA.  
**Telephone Numbers:** (+61) 0411-297-030  
**Emergency Telephone Numbers:** (+61) 0411-297-030  
**Website:** www.floramax.com

**2. Hazards identification**

**Non hazardous according to criteria of OSHA or NHOSC Australia, Non DG.**

**Swallowed:** Harmful if swallowed.

**Eye:** Causes irritation.

**Skin:** May cause irritation.

**Inhaled:** May cause irritation.

**3. Composition/information on ingredients**

A powdered plant fertilizer containing:

Name	CAS	Conc (%W/V)
Calcium nitrate	13477-34-4	32-34%
Potassium nitrate	7757-79-1	43-46%
Magnesium nitrate	13446-18-9	20-22%
Boric Acid	10043-35-3	<0.04%
Copper EDTA	14025-15-1	<0.1%
Iron DTPA	19529-38-5	<3.5%
Manganese EDTA	15375-84-5	<1.5%
Sodium Molybdate	10102-40-6	<0.03%
Zinc EDTA	14025-21-9	<0.1%

**4. First-aid measures**

**Swallowed:** Rinse mouth, immediately give large volumes of water. Do not induce vomiting. Immediately call a doctor.

**Eye:** If this product comes in contact with eyes, hold open and wash with running water for at least 15 minutes.

Ensure irrigation under eyelids by occasionally lifting them. Do not try to remove contact lenses unless trained.

Seek medical attention.

**Skin:** If this product comes in contact with skin, wash with water. Remove contaminated clothing and footwear. Ensure

contaminated clothing is thoroughly washed before using again. Call doctor if skin irritation occurs.

**Inhaled:** Move to fresh air. Call a physician if symptoms develop or persist.

**Advice to doctor:** Treat symptomatically.

**5. Fire fighting measures**

**Fire / Explosion:** Generally not flammable.

**Flammability:** Generally not flammable.

**Extinguishing Media:** Use water fog, CO<sub>2</sub>, foam, or dry chemical powder. Do not use water jet as an extinguisher, as this may spread the fire.

**Special protective equipment and precautions for firefighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Specific hazards arising from the chemical:** Gases hazardous to health may be formed during fire.

**6. Accidental release measures**

**Spills:** Will promote algae growth therefore prevent from entering rivers, canals and other waterways. Stop leak if safe to do so and contain spill. Sweep up and shovel or collect recoverable product into labeled containers for recycling or salvage. Recycle containers wherever possible. After spills, wash area, prevent runoff from entering drains. Absorb into vermiculite or other absorbent material. If material enters drains, dilute with excess water. Dispose only in compliance with local regulations. Launder all contaminated clothing before reuse.

**Disposal (After treatment above):** Refer to waste management authority.

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### 7. Handling and storage

Always store in original container. Product is hygroscopic and heat sensitive. Therefore, store away from direct sunlight and below 30 deg C (86 deg F). Keep packet well sealed to minimize moisture ingress. Store away from incompatible materials.

### 8. Exposure controls/personal protection

When mixing or handling, if there is a risk of skin or eye contact, wear suitable protective clothing, including gloves and eye/face protection. In case of insufficient ventilation, wear suitable respiratory equipment. Remove contaminated clothing promptly. Discard or launder before re-wearing. Wash hands thoroughly after handling this material.

### 9. Physical and chemical properties

**Appearance:** White fine powder (<1,500 micron).

**Odor:** Not available

**Boiling Point:** not available

**Vapour Pressure:** not available

**Specific Gravity:** 1.0g/ml

**Flashpoint:** Not flammable

**Flammability Limits:** Not flammable

**Auto-ignition temperature:** Not available

**Decomposition temperature:** Not available

**Solubility in Water:** Solubility limit 25% at 25 deg C (77 deg F) in distilled water.

**pH:** 3.0 (20% aqueous solution)

**Corrosiveness:** Non corrosive

### 10. Stability and reactivity

**Reactivity:** Stable under normal conditions of use, storage and transport.

**Chemical stability:** Material is stable under normal conditions.

**Possibility of hazardous reactions:** Nil under conditions of normal use.

**Conditions to avoid:** Contact with incompatible materials.

**Incompatible materials:** Strong oxidizing agents.

**Hazardous decomposition products:** None known.

### 11. Toxicological information

**Swallowed:** Harmful if swallowed.

**Eye:** Causes serious eye damage. Symptoms may include redness, stinging, tearing, swelling, and blurred vision.

Permanent eye damage including blindness could result.

**Skin:** May cause irritation.

**Inhaled:** Prolonged inhalation may be harmful.

### 12. Ecological information

Will promote algae growth therefore prevent from entering rivers and other waterways.

### 13. Disposal considerations

Observe local legislation. Dispose in sealed containers at licensed waste disposal site.

### 14. Transport information

Not subject to ADR/DOT/IATA/IMDG codes.

### 15. Regulatory information

#### Safety phrases:

S2: Keep out of reach of children.

S26: If in eyes: Immediately wash the eyes with large amounts of water for at least 15 minutes. Remove contact lenses. Immediately call a doctor.

S28: If on skin: Wash with plenty of water. Call doctor if skin irritation occurs.

S62: If swallowed: Rinse mouth, immediately give large volumes of water. Do not induce vomiting. Immediately call a doctor.

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

S7/47: Store below 25 deg C (77 deg F) and keep packet well sealed.

S17: Store away from incompatible materials.

S29/35: Do not contaminate waterways. Observe local legislation when disposing of contents/container.

#### Risk phrases:

R36/38: Hazardous to humans and animals. Causes eye and skin irritation.

**TSCA (U.S. Federal):** Not subject.

**CPSC (U.S. Federal):** Compliant.

### 16. Other information

**Contact Points:** Andrew Taylor

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#### DISCLAIMER

*This SDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification of further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. All information is as accurate and up to date as possible.*