



# Safety Data Sheet

## Fertile 10-10-23

### SECTION 1: Product and Company Identification

Product name: Fertile 10-10-23  
Product code: 056136  
Product use: Plant fertilizer  
Product type: Solid / powder / granule

#### Importer & Distributor:

Zadco for Quality Gro P/L  
PO Box 6973 Baulkham Hills BC  
NSW Australia 2153  
Ph: +61 (02) 8814 6638  
Fax: +61 (02) 8814 6623  
Emergency telephone: 02 88146638

#### Manufacturer:

JH Biotech, Inc.  
4951 Olivas Park Drive, Ventura, CA 93030  
Ph: (805)650-8933  
Fax: (805)650-8942

### SECTION 2: Hazards Identification

Signal word: Warning  
Label element:



Hazard statement: Harmful if swallowed.  
Precautionary statement: Do not swallow. Avoid contact with eyes.  
First Aid: If swallowed: Seek medical attention. Rinse mouth. If in eyes: Remove contact lenses if present. Wash thoroughly with water for several minutes.  
Storage & Disposal: Store in a safe manner and away from incompatible materials. Dispose product/container in accordance with federal, state, and local regulations.  
HMIS Rating: Health = 1 Flammability = 0 Reactivity = 0

### SECTION 3: Composition/Information on Ingredients

Component	CAS No.	%	Component	CAS No.	%
Ammonium phosphate	7722-76-1	n/a	Sodium borate	12280-03-4	n/a
Potassium phosphate	7778-77-0	n/a	Sodium molybdate	10102-40-6	n/a
Potassium nitrate	7757-79-1	n/a	Copper sulfate	7758-99-8	n/a
Urea	57-13-6	n/a	Ferrous sulfate	7720-78-7	n/a
Glycine	56-40-6	n/a	Manganese sulfate	10034-96-5	n/a
Potassium sulfate	7778-80-5	n/a	Zinc sulfate	7446-19-7	n/a
Magnesium sulfate	7487-88-9	n/a	Citric acid	77-92-9	n/a

The specific identity and/or exact percentage of composition is not provided because it is a trade secret.

### 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

None



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### 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. Store away from incompatible materials.

### 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.

	OSHA PEL (8 hr TWA)	NIOSH REL (10 hr TWA)	ACGIH Threshold Limit Value (8 hr TWA)
Nuisance dust (total)	15 mg/m <sup>3</sup>	n/a	n/a
Nuisance dust (resp)	5 mg/m <sup>3</sup>	n/a	n/a

#### 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.

### SECTION 9: Physical and Chemical Properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Off white powder	<b>Vapor pressure</b>	Not applicable
<b>Odor</b>	No odor	<b>Vapor density</b>	Not applicable
<b>pH</b>	Not applicable	<b>Relative density</b>	1.20 g/ml
<b>Physical state</b>	Solid	<b>Solubility</b>	Soluble in water
<b>Melting point / Freezing point</b>	Not available	<b>Partition coefficient</b>	Not applicable
<b>Boiling point</b>	Not applicable	<b>Auto-ignition temperature</b>	Not applicable
<b>Flash point</b>	Not applicable	<b>Decomposition temperature</b>	Not applicable
<b>Evaporation rate</b>	Not applicable	<b>Viscosity</b>	Not viscous
<b>Flammability</b>	Non-flammable	<b>Explosive properties</b>	Non-explosive
<b>Explosive limits</b>	Not applicable	<b>Oxidizing properties</b>	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

Not available

#### Hazardous decomposition products

Ammonia, Nitrogen oxides

### SECTION 11: Toxicological Information

#### Information on toxicological effects

Acute toxicity: Harmful if swallowed  
 Irritation: May cause eye or respiratory irritation



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Corrosivity: Not known to be corrosive  
Sensitization: Not known to cause sensitization  
Dose toxicity: Not known to be toxic  
Carcinogenicity: Not known to be carcinogenic  
Mutagenicity: Not known to be mutagenic  
Reproductive toxicity: Not known to cause reproductive harm

### SECTION 12: Ecological Information

#### Ecotoxicity

Not hazardous

#### Persistence and degradability

Not available

#### Bioaccumulative potential

Not available

#### Mobility in soil

Soluble in water and may disperse in soil.

### SECTION 13: Disposal Considerations

#### Waste treatment methods

Dispose of product in accordance with federal, state, and local regulations. Consult with qualified representative for proper disposal or treatment.

### SECTION 14: Transport Information

#### DOT

Not regulated by U.S. DOT as hazardous material.

UN number: Not applicable  
UN proper shipping name: Not applicable  
Transport hazard class(es): Not applicable  
Packing group: Not applicable  
Environmental hazards: Not applicable  
Special precautions for user: Not applicable

#### IATA

Not dangerous goods

#### IMDG

Not dangerous goods

### SECTION 15: Regulatory Information

#### CERCLA

This product contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Copper sulfate (CAS # 7758-99-8)  
Ferrous sulfate (CAS# 7720-78-7)  
Manganese sulfate (CAS# 10034-96-5)  
Zinc sulfate (CAS # 7446-19-7)

#### California Prop 65

This product does not contain any chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

#### SARA 311/312 Hazards

Acute Health Hazard: No  
Chronic Health Hazard: No  
Fire Hazard: No  
Sudden Release of Pressure Hazard: No  
Reactive Hazard: No



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### SARA 313

Copper sulfate (CAS # 7758-99-8) is subject to reporting levels established by SARA Title III, Section 313.  
Manganese sulfate (CAS# 10034-96-5) is subject to reporting levels established by SARA Title III, Section 313.  
Potassium nitrate (CAS # 7757-79-1) is subject to reporting levels established by SARA Title III, Section 313.  
Zinc sulfate (CAS # 7446-19-7) is subject to reporting levels established by SARA Title III, Section 313.

### Subject to "Right-To-Know" legislation in the following states

This product contains one or more substances subject to Right To Know.

#### Massachusetts:

Copper sulfate (CAS # 7758-99-8)  
Magnesium sulfate (CAS# 7487-88-9)  
Potassium nitrate (CAS # 7757-79-1)  
Zinc sulfate (CAS # 7446-19-7)

#### New Jersey:

Copper sulfate (CAS # 7758-99-8)  
Magnesium sulfate (CAS# 7487-88-9)  
Manganese sulfate (CAS# 10034-96-5)  
Potassium nitrate (CAS # 7757-79-1)  
Potassium phosphate (CAS# 7778-77-0)  
Potassium sulfate (CAS # 7778-80-5)  
Urea (CAS # 57-13-6)  
Zinc sulfate (CAS # 7446-19-7)

#### Pennsylvania:

Copper sulfate (CAS # 7758-99-8)  
Magnesium sulfate (CAS# 7487-88-9)  
Manganese sulfate (CAS# 10034-96-5)  
Potassium nitrate (CAS # 7757-79-1)  
Potassium phosphate (CAS# 7778-77-0)  
Potassium sulfate (CAS # 7778-80-5)  
Urea (CAS # 57-13-6)  
Zinc sulfate (CAS # 7446-19-7)

<b>SECTION 16: Other Information</b>
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