

## **BioFert Tomato & Vegetable**

### **SECTION 1. IDENTIFICATION**

<b>Product Identifier</b>	BioFert Tomato & Vegetable
<b>Other Means of Identification</b>	3-1-4
<b>Product Family</b>	Organic
<b>Recommended Use</b>	Organic crop production.
<b>Restrictions on Use</b>	None known.
<b>Emergency Phone No.</b>	BioFert Manufacturing Inc., 464 Riverside Road, Abbotsford, BC, V2S 7M1, Regulatory and Technical Resources, 604-557-2468
<b>SDS No.</b>	0092
<b>Date of Preparation</b>	March 17, 2016

### **SECTION 2. HAZARDS IDENTIFICATION**

#### **GHS Classification**

Not classified under any GHS hazard classes.

#### **GHS Label Elements**

Not applicable

#### **Other Hazards**

None known.

### **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Contains no hazardous ingredients.

### **SECTION 4. FIRST-AID MEASURES**

#### **First-aid Measures**

##### **Inhalation**

Get medical advice/attention if you feel unwell or are concerned.

##### **Skin Contact**

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes.

##### **Eye Contact**

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open.

##### **Ingestion**

Rinse mouth with water. Get medical advice/attention if you feel unwell or are concerned.

##### **First-aid Comments**

Get medical advice/attention if you feel unwell or are concerned.

#### **Most Important Symptoms and Effects, Acute and Delayed**

None known.

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## Immediate Medical Attention and Special Treatment

### Target Organs

None known.

### Special Instructions

Not applicable.

### Medical Conditions Aggravated by Exposure

None known.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

#### Unsuitable Extinguishing Media

None known.

### Specific Hazards Arising from the Chemical

Does not burn.

Not known to generate any hazardous decomposition products in a fire.

### Special Protective Equipment and Precautions for Fire-fighters

No special precautions are necessary.

See Skin Protection in Section 8 (Exposure Controls/Personal Protection) for advice on suitable chemical protective materials.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### Environmental Precautions

It is good practice to prevent releases into the environment.

### Methods and Materials for Containment and Cleaning Up

No special clean-up methods are necessary. Prevent product from leaking into the environment.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling.

### Conditions for Safe Storage

No special requirements for storage area. Store where product will not freeze.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Not available.

A5 = Not suspected as a human carcinogen.

### Appropriate Engineering Controls

General ventilation is usually adequate.

### Individual Protection Measures

#### Eye/Face Protection

Not required but it is good practice to wear safety glasses or chemical safety goggles.

#### Skin Protection

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At minimum, wear rubber or chemical resistant gloves while handling, mixing, loading and during application.  
Natural rubber, neoprene rubber, nitrile rubber.

#### **Respiratory Protection**

Not normally required if product is used as directed.

## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

### **Basic Physical and Chemical Properties**

<b>Appearance</b>	Light brown.
<b>Odour</b>	Peppermint
<b>Odour Threshold</b>	Not available
<b>pH</b>	3.5
<b>Melting Point/Freezing Point</b>	Not available (melting); > -10 °C (14 °F) (estimated) (freezing)
<b>Initial Boiling Point/Range</b>	Not applicable
<b>Flash Point</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not available
<b>Upper/Lower Flammability or Explosive Limit</b>	Not available (upper); Not available (lower)
<b>Vapour Pressure</b>	Not applicable
<b>Vapour Density (air = 1)</b>	Not available
<b>Relative Density (water = 1)</b>	Not available
<b>Solubility</b>	Soluble in water; Not available (in other liquids)
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not applicable
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not applicable
<b>Viscosity</b>	Not applicable (kinematic); Not applicable (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Liquid
<b>Bulk Density</b>	~ 1.15 kg/L

## **SECTION 10. STABILITY AND REACTIVITY**

### **Reactivity**

Not reactive under normal conditions of use.

### **Chemical Stability**

Normally stable. Do not allow product to freeze.

### **Possibility of Hazardous Reactions**

None known.

### **Conditions to Avoid**

None known.

### **Incompatible Materials**

None known.

### **Hazardous Decomposition Products**

None known.

## **SECTION 11. TOXICOLOGICAL INFORMATION**

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**Likely Routes of Exposure**

Skin contact; eye contact; ingestion.

**Acute Toxicity**

LC50: No information was located.

LD50 (oral): No information was located.

LD50 (dermal): No information was located.

**Skin Corrosion/Irritation**

Not expected to cause skin irritation.

**Serious Eye Damage/Irritation**

No information was located. Not expected to irritate eyes.

**STOT (Specific Target Organ Toxicity) - Single Exposure****Inhalation**

Not considered harmful.

**Skin Absorption**

Not expected to be absorbed.

**Ingestion**

May cause symptoms of vomiting or diarrhea if ingested in large quantities.

**Aspiration Hazard**

No information was located.

**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

No information was located.

**Respiratory and/or Skin Sensitization**

Not known to be a skin sensitizer. Not known to be a respiratory sensitizer.

**Carcinogenicity**

Not known to cause cancer.

**Key to Abbreviations**

ACGIH® = American Conference of Governmental Industrial Hygienists. IARC = International Agency for Research on Cancer. NTP = National Toxicology Program. OSHA = US Occupational Safety and Health Administration.

**Reproductive Toxicity****Development of Offspring**

Not known to harm the unborn child.

**Sexual Function and Fertility**

Does not cause effects on sexual function or fertility.

**Effects on or via Lactation**

Does not cause effects on or via lactation.

**Germ Cell Mutagenicity**

No information was located.

**Interactive Effects**

No information was located.

No information was located for: Germ Cell Mutagenicity, Interactive Effects

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**SECTION 12. ECOLOGICAL INFORMATION**

Not hazardous to the environment.

**Toxicity**

Not harmful to aquatic life, fish.

**Persistence and Degradability**

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No ingredient of this product or its degradation products is known to be highly persistent.

#### **Bioaccumulative Potential**

This product and its degradation products are not known to bioaccumulate.

#### **Mobility in Soil**

If released into the environment, this product can move rapidly through the soil.

#### **Other Adverse Effects**

No known significant effects or critical hazards.

### **SECTION 13. DISPOSAL CONSIDERATIONS**

#### **Disposal Methods**

Dispose of according to local, provincial and federal government requirements.

### **SECTION 14. TRANSPORT INFORMATION**

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations.

**Special Precautions** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

### **SECTION 15. REGULATORY INFORMATION**

#### **Safety, Health and Environmental Regulations**

##### **Canada**

##### **WHMIS Classification**

Not a WHMIS controlled product.

##### **Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

All ingredients are listed on the DSL or are not required to be listed.

##### **CEPA - National Pollutant Release Inventory (NPRI)**

Not known for blend.

##### **USA**

##### **Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

### **SECTION 16. OTHER INFORMATION**

<b>NFPA Rating</b>	<b>Health - 0</b>	<b>Flammability - 0</b>	<b>Instability - 0</b>
<b>SDS Prepared By</b>	Regulatory and Technical Resources		
<b>Phone No.</b>	604-557-1497		
<b>Date of Preparation</b>	March 17, 2016		
<b>Date of Last Revision</b>	March 17, 2016		
<b>Revision Indicators</b>	New		
<b>References</b>	CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).		
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