

## Safety Data Sheet

### Gourmet Gardens 7-0-5

#### SECTION 1: IDENTIFICATION

<b>Product Identifier</b>	Gourmet Gardens 7-0-5
<b>Other Means of Identification</b>	Cogo's Original 7-0-5 Grande Verde Part A with Fe EDDHA
<b>Recommended Use</b>	Liquid Fertilizer for Plants
<b>Restrictions on Use</b>	Not applicable
<b>Manufacturer/Supplier Identifier</b>	Gourmet Gardens 4500E M-36 – Stockbridge, MI 49285
<b>Emergency Phone No.</b>	Chem-Trec 1-800-424-9300
<b>Date of Preparation</b>	September 1, 2017

#### SECTION 2: HAZARD IDENTIFICATION

##### Classification

Not Classified

##### Label Elements



Signal Word:

Warning

Hazard Statement(s):

Harmful if swallowed: Causes serious eye irritation: May cause respiratory irritation.

Precautionary Statement(s):

Prevention:

Use only outdoors or in a well-ventilated area. Avoid breathing mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear eye/face protection Response:

Keep away from heat. Keep or store away from clothing of other combustible material. Take any precaution to avoid mixing with combustibles.

Response:

In case of fire: Use water spray or fog to extinguish

If swallowed: Call a poison center/doctor if you feel unwell. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor if you feel unwell. Rinse mouth. If eye irritation persists: Get medical advice/attention.

Product Identifier: Gourmet Gardens 7-0-5

**Disposal**

Dispose of contents and container in accordance with local, regional, national and international regulations.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**Mixture:**

Chemical Name	CAS No.
Calcium Nitrate	10124-37-5
Iron EDDHA	1170-02-1
Potassium Nitrate	7757-79-1
Potassium Sulfate	7778-80-5

### SECTION 4: FIRST-AID MEASURES

**Inhalation**

Move to fresh air. If breathing has stopped, trained personnel should begin rescue breathing. Call a poison center or doctor. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by poison center or doctor.

**Skin Contact**

Immediately wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 15-20 minutes. Take off contaminated clothing, shoes, leather goods (e.g. watchbands, belts). Get medical advice or attention if you feel unwell or are concerned.

**Eye Contact**

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical advice or attention.

**Ingestion**

For large amounts immediately call a poison center or doctor. Rinse mouth with water. Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting.

**Immediate Medical Attention and Special Treatment****Special Instructions**

Not applicable

**Medical Conditions Aggravated by Exposure**

None known

### SECTION 5: FIRE-FIGHTING MEASURES

**Extinguishing Media****Suitable Extinguishing Media**

Product Identifier: Gourmet Gardens 7-0-5

Use flooding quantities of water or other suitable extinguishing agent.

**Unsuitable Extinguishing Media**

DO NOT use water jet.

**Specific Hazards Arising from the Product**

Corrosive nitrogen oxides

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

Oxidizer. Wear SCBA and full protective clothing. Prevent contact with flammable and combustible materials. Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

## 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. Remove or isolate incompatible materials as well as other hazardous materials. Eliminate all ignition sources. Use grounded, explosion-proof equipment.

**Environmental Precautions**

Do not allow into any sewer, on the ground or into any waterway.

**Methods and Materials for Containment and Cleaning Up**

Contain the spill. Avoid contact with combustibles, organics and ignition sources. Sweep up spilled material and dispose of in approved manner.

## SECTION 7: HANDLING AND STORAGE

**Precautions for Safe Handling**

Avoid repeated or prolonged skin contact. Do not get in eyes. Only use where there is adequate ventilation.

**Conditions for Safe Storage**

Store in an area that is cool, dry, and well-ventilated. Keep out of reach of children. Store in a closed container. Keep separate from acids, alkalis, reducing agents and combustibles.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control Parameters**

Not available.

**Appropriate Engineering Controls**

General ventilation is usually adequate. Use local exhaust ventilation and enclosure, if necessary, to control amount in the air.

**Individual Protection Measures**

**Eye/Face Protection**

Wear chemical safety goggles.

**Skin Protection**

Wear chemical protective clothing (e.g. gloves, aprons, boots).

**Respiratory Protection**

Product Identifier: Gourmet Gardens 7-0-5

Use an appropriate respirator or dust mask.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

<b>Appearance</b>	Reddish Brown Liquid
<b>Odor</b>	Slight ammonia odor
<b>Odor Threshold</b>	Not applicable
<b>pH</b>	Not available
<b>Melting Point/Freezing Point</b>	Not available (melting); 0° C (Freezing)
<b>Initial Boiling Point/Range</b>	Not applicable
<b>Flash Point</b>	Not applicable
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Will not burn
<b>Upper/Lower Flammability or Explosive Limit</b>	Not available (upper); Not available (lower)
<b>Vapor Pressure</b>	Not available
<b>Vapor Density (air = 1)</b>	Not applicable
<b>Relative Density (water = 1)</b>	Not available
<b>Solubility</b>	Not available in water; Not available in other liquids
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not applicable (kinematic)

### Other Information

<b>Physical State</b>	Liquid
<b>Molecular Formula</b>	Not applicable
<b>Molecular Weight</b>	Not applicable
<b>Bulk Density</b>	1.191 kg/L

## SECTION 10: STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None expected under normal conditions of storage and use

### Conditions of Avoid

Heat. Extreme cold. Open flames, sparks, static discharge, heat and other ignition sources.

### Incompatible Materials

Acids, corrosive, fuels, oxidizers, combustibles

**SECTION 11: TOXICOLOGICAL INFORMATION****Likely Routes of Exposure**

Inhalation; skin contact; eye contact; ingestion.

**Skin Corrosion/Irritation**

Irritation could occur with prolonged exposure to dry fertilizer or fertilizer solution

**Serious Eye Damage/Irritation**

Irritation or burn could occur if fertilizer solution is splashed in eyes or dry product contacted.

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

Very low vapor activity. May cause nose and throat irritation, lung injury. Symptoms may include coughing, shortness of breath, difficult breathing and tightness in the chest.

**Skin Absorption**

Not absorbed through skin

**Ingestion**

If large amounts are swallowed symptoms may include nausea, vomiting, stomach cramps and diarrhea.

**Aspiration Hazard**

No information was located.

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

May cause irritation of the respiratory system. May cause respiratory tract injury.

**Respiratory and/or Skin Sensitization**

Skin Sensitizer

**Carcinogenicity**

Not known to cause cancer

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

No information was located

**Sexual Function and Fertility**

Boric acid may impair male fertility, based on animal data.

**Effects on or via Lactation**

No information was located.

**Germ Cell Mutagenicity**

No information was located.

**Interactive Effects**

No information was located

**SECTION 12: ECOLOGICAL INFORMATION**

Environmental information was not located.

**Persistence and Degradability**

No information was located.

Product Identifier: Gourmet Gardens 7-0-5

**Bioaccumulative Potential**

No information was located.

**Mobility in Soil**

No information was located.

**Other Adverse Effects**

There is no information available.

### SECTION 13: DISPOSAL CONSIDERATIONS

**Disposal Methods**

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

### SECTION 14: TRANSPORT INFORMATION

**Special Precautions**

Not applicable

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

### SECTION 15: REGULATORY INFORMATION

**Safety, Health and Environmental Regulations****Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

All ingredients are listed on the DSL.

### SECTION 16: OTHER INFORMATION

**SDS Prepared by**

Gourmet Gardens Technical Department

**Phone No.**

1 517-375-8998

**Date of Last Revision**

September 22, 2017

**Disclaimer**

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