

Safety Data Sheet

Gourmet Gardens 4-3-5

SECTION 1: IDENTIFICATION

Product Identifier	Gourmet Gardens 4-3-5
Other Means of Identification	Cogo's Original 4-3-5 Verde Supremo
Recommended Use	Liquid Fertilizer for Plants
Restrictions on Use	Not applicable
Supplier/Distributor	GourmetGardens 4500E M-36 Stockbridge, MI 49285
Emergency Phone No.	Chem-Trec 1-800-424-9300
Date of Preparation	September 22, 2017

SECTION 2: HAZARD IDENTIFICATION

Label Elements



WARNING:

MAY BE HARMFUL IF SWALLOWED

MAY CAUSE MILD SKIN IRRITATION

MAY CAUSE EYE IRRITATION

MAY CAUSE RESPIRATORY IRRITATION

HAZARD CLASSIFICATIONS:

Acute toxicity	Low
Skin irritation	Mild skin irritation possible
Eye irritation	Severe eye irritation possible
Target Organ Systemic Toxicity	Transient respiratory irritation possible

Precautionary Statement(s):

Prevention:

Keep away from heat.

Call a poison center / physician if unwell

If skin irritation occurs, get medical advice

If in eyes, rinse cautiously with water for several minutes – remove contact lenses

If eye irritation persists, get medical advice

Wash hands after handling

Use only outdoors or in well-ventilated areas

Avoid breathing mist/spray

If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing

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Store container tightly closed

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.
Ammonium Molybdate	12054-85-2
Ammonium Phosphate	7722-76-1
Boric Acid	10043-35-3
Calcium Nitrate	10124-37-5
Copper Sulfate	7758-99-8
Iron EDTA	15137-09-4
Magnesium Nitrate	13446-18-9
Manganese Sulfate	7785-87-7
Potassium Sulfate	7778-80-5
Zinc Sulfate	7446-19-7

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

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

Most Important Symptoms and Effects, Acute and Delayed

May cause mild irritation

Immediate Medical Attention and Special Treatment

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Special Instructions

Not applicable

Medical Conditions Aggravated by Exposure

None known

SECTION 5: FIRE-FIGHTING MEASURES**Extinguishing Media****Suitable Extinguishing Media**

Use flooding quantities of water or other suitable extinguishing agent.

Unsuitable Extinguishing Media

DO NOT use water jet.

Special Protective Equipment and Precautions for Fire-fighters

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**Spill / Release Procedures**

Collect spilled product and store to re-use. Contaminated product and/or environmental media should be recovered and disposed of properly.

Environmental Precautions

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

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 sealed container.

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**

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Wear chemical safety goggles.

Skin Protection

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

Respiratory Protection

NIOSH approved particulate / mist respirator, if required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Light green liquid
Odor	No odor
Odor Threshold	Not applicable
pH	6.0
Melting Point/Freezing Point	Not available (melting); 0° C (Freezing)
Initial Boiling Point/Range	Not applicable
Flash Point	Not flammable
Evaporation Rate	Not available
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapor Pressure	Not available
Vapor Density (air = 1)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not applicable (kinematic)

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Normally stable.

Conditions of Avoid

Heat.

Incompatible Materials

Acids, oxidizers, reducers, hypochlorites

Hazardous Decomposition Products

NO_x, CO_x, NH₃, H₂

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion.

Acute Toxicity

Skin Corrosion/Irritation

Irritation could occur with prolonged exposure to fertilizer solution

Serious Eye Damage/Irritation

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

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

This product is not known to be ecotoxic, persistent, or have the potential to bioaccumulate.

SECTION 13: DISPOSAL INFORMATION

Disposal Methods

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

SECTION 14: TRANSPORT INFORMATION

This product is not regulated as a transportation hazard.

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SECTION 15: REGULATORY INFORMATION

SARA SECTION 311/312 HAZARD CATEGORY: IMMEDIATE HAZARD

SECTION 16: OTHER INFORMATION

SDS Prepared by	Gourmet Gardens Technical Department
Phone No.	517-375-8998
Date of Last Revision	September 1, 2017
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