

Safety Data Sheet

Gourmet Gardens 4-3-5

SECTION 1: IDENTIFICATION

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|--------------------------------------|--|
| Product Identifier | Gourmet Gardens 4-3-5 |
| Other Means of Identification | Cogo's Original 4-3-5 Verde Supremo with FeEDDHA |
| 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 EDDHA | 1170-02-1 |
| 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

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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**

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**

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 | Reddish Brown 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**

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Irritation could occur with prolonged exposure to fertilizer solution

Serious Eye Damage/Irritation

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.

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SECTION 14: TRANSPORT INFORMATION

This product is not regulated as a transportation hazard.

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

Disclaimer

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