

Safety Data Sheet

Gourmet Gardens 11-10-15

SECTION 1: IDENTIFICATION

Product Identifier	Gourmet Gardens 11-10-15
Other Means of Identification	11-10-15, Cogo's Original 11-10-15 Verde Supremo
Recommended Use	Water Soluble Fertilizer for Plants
Restrictions on Use	Not applicable
Manufacturer/Supplier Identifier	GourmetGardens 4500E M-36 Stockbridge, MI 49285
Emergency Phone No.	Chem-Trec 1-800-424-9300
Date of Preparation	September 1, 2017

SECTION 2: HAZARD IDENTIFICATION

Classification

Oxidizing solid – category 3

Label Elements



Signal Word:

Warning

Hazard Statement(s):

H272 May intensify fire: Oxidizer

Precautionary Statement(s):

Prevention:

P210 Keep away from heat.

P220 Keep or store away from clothing and other combustible materials.

P221 Take any precaution to avoid mixing with combustibles.

P280 Wear protective gloves/eye protection/face protection.

Response:

P370 + P378 In case of fire: Use water spray or fog to extinguish.

Disposal

P501 Dispose of contents and container in accordance with local, regional, national and international regulations.

Product Identifier: GourmetGardens 11-10-15

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.
Boric Acid	10043-35-3
Calcium Nitrate	10124-37-5
Copper Sulfate	7758-99-8
Iron EDTA	15137-09-4
Magnesium Nitrate	10377-60-3
Manganese Sulfate	7785-87-7
Potassium Nitrate	7757-79-1
Potassium Phosphate	7778-77-0
Sodium Molybdate	10102-40-6
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

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.

Most Important Symptoms and Effects, Acute and Delayed

May cause mild irritation

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.

Specific Hazards Arising from the Product

Mild oxidizer. May intensify fire.

Corrosive, flammable ammonia; corrosive, oxidizing nitrogen oxides; corrosive, phosphorous oxides; calcium oxides; magnesium oxides.

Special Protective Equipment and Precautions for Fire-fighters

Wear SCBA and full protective clothing. Oxidizer. 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.

Product Identifier: GourmetGardens 11-10-15

Individual Protection Measures**Eye/Face Protection**

Wear chemical safety goggles.

Skin Protection

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

Respiratory Protection

Use an appropriate respirator or dust mask.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
--

Basic Physical and Chemical Properties

Appearance	Light green powder. Particle Size: Not available
Odor	Slight ammonia odor
Odor Threshold	Not applicable
pH	Not available
Melting Point/Freezing Point	Not available
Initial Boiling Point/Range	Not applicable
Flash Point	Not applicable
Evaporation Rate	Not available
Flammability (solid, gas)	Will not burn
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapor Pressure	Not available
Vapor Density (air = 1)	Not applicable
Relative Density (water = 1)	Not available
Solubility	Not available in water; Not available in other liquids
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not available
Viscosity	Not applicable (kinematic)

Other Information

Physical State	Solid
Molecular Formula	Not applicable
Molecular Weight	Not applicable
Bulk Density	1.91 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

Product Identifier: GourmetGardens 11-10-15

Conditions of Avoid

Heat. Water, moisture or humidity. Open flames, sparks, static discharge, heat and other ignition sources.

Incompatible Materials

Acids, corrosive, fuels, oxidizers, combustibles

Hazardous Decomposition Products

Corrosive phosphorous oxides; corrosive, oxidizing nitrogen oxides; magnesium oxides; calcium oxides.

SECTION 11: TOXICOLOGICAL INFORMATION
Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Potassium nitrate		3750 mg/kg (rat)	
Magnesium nitrate		5400 mg/kg (rat)	
Calcium nitrate		302 mg/kg (rat)	

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.

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

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class	Packing Group
US DOT	1486	POTASSIUM NITRATE MIXTURE	Class 5.1	III
Canadian TDG	1486	POTASSIUM NITRATE MIXTURE	Class 5.1	III

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 1, 2017
Disclaimer	To the best of our knowledge, the information contained herein is Accurate. However, neither Gourmet Gardens, nor any of its

Product Identifier: GourmetGardens 11-10-15

distributors, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Although certain hazards are described, we cannot guarantee that these are the only hazards that exist. Final determination of suitability of any product is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution.