



Anuvia Plant Nutrients  
6751 West Jones Avenue  
Zellwood, FL 32798  
352-720-7070

## SAFETY DATA SHEET

### Section 1 – IDENTIFICATION

PRODUCT IDENTIFIER: **GreenTRX™ Organic-Complexed Multi-Nutrients**  
OTHER MEANS OF IDENTIFICATION: Organic Complexed Ammonium Sulfate and Ammonium Iron Sulfate, Ammonium Sulfate, Ammonium Ferrous Sulfate, Diammonium Sulfate, with Organic Content from Municipal Biosolids, Food Waste Digestate and/or Animal Residuals, A-701, A-702, A-938, BP212, H6N204S, ACC01410

RECOMMENDED USE / For use as a multi-nutrient fertilizer to be applied to turf, sports turf, greenhouses and home gardens.


RESTRICTIONS ON USE: None – This is an USEPA Exceptional Quality product pursuant to CFR Title 40 Part 503

MANUFACTURER: Anuvia Plant Nutrients  
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EMERGENCY PHONE NUMBER **For Hazardous Materials Incident  
Spill, Leak, Fire, Exposure, or Accident  
Call CHEMTREC Day or Night  
1-800-424-9300 / +1 703-527-3887 CCN825876**

### Section 2 – HAZARDS IDENTIFICATION

GHS CLASSIFICATION: Not classified  
SIGNAL WORD: None  
HAZARD STATEMENTS: None

PICTOGRAM:   
PRECAUTIONARY STATEMENTS: None

UNCLASSIFIED HAZARDS: May cause skin, eye, and respiratory irritation. May be harmful if swallowed.

INGESTION: Not generally considered toxic. If swallowed, irritation may develop in the mouth, esophagus, stomach, etc. The sulfate ion may cause purging.

PERCENTAGE OF INGREDIENTS WITH UNKNOWN TOXICITY: None

### Section 3 – COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENTS: Ammonium Sulfate 50-70% Ammonium Iron Sulfate 3-12%  
Iron 1-4% Potash 1-5% Organics 12-17%

OTHER CONTAMINANTS: None  
The specific chemical identities and percentages of composition have been withheld as trade secrets.

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#### **Section 4 – FIRST AID MEASURES**

EYE CONTACT: Wash eyes immediately with large amounts of water or normal saline, occasionally lifting upper and lower lids until no evidence of chemical remains (approximately 15-20 minutes). Get medical attention if eye irritation persists.

SKIN CONTACT: Remove contaminated clothing and shoes. Wash affected area with soap or –mild detergent and large amounts of water until no evidence of chemical remains.

INHALATION: Remove from exposure area to fresh air. If breathing has stopped perform artificial respiration. Keep person warm and at rest. Treat symptomatically and supportively. Get medical attention if you feel unwell.

INGESTION: Treat symptomatically and supportively. Get medical attention if you feel unwell or if vomiting occurs. Keep head lower than hips to prevent aspiration.

MOST IMPORTANT SYMPTOMS, ACUTE AND DELAYED: May cause eye irritation. May cause skin irritation. May cause respiratory irritation. May be harmful if swallowed.

IMMEDIATE MEDICAL ATTENTION REQUIRED: None needed.

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#### **Section 5 – FIRE FIGHTING MEASURES**

SUITABLE EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, water spray or regular foam (1990 Emergency Response Guidebook, DOT P 5800.5)  
For larger fires, use water spray, fog or regular foam (1990 Emergency Response Guidebook, DOT P 5800.5)

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: No acute hazard, move container from fire area if possible, avoid breathing vapors or dusts, keep upwind.

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS: Follow PPE requirements found in Section 8.

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#### **Section 6 – ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Follow PPE requirements in Section 8.

METHODS AND MATERIALS FOR CLEANING UP: Work to contain spill and dispose of material in accordance with applicable regulations. Sweep or shovel material into labeled container.

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## Section 7 – HANDLING AND STORAGE

<u>PRECAUTIONS FOR SAFE HANDLING:</u>	Follow PPE requirements in Section 8.
<u>CONDITIONS FOR SAFE STORAGE:</u>	Store in a cool, dry, well-ventilated area away from strong oxidizers and keep out of reach of children and animals. See incompatibilities in Section 10.

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## Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>EXPOSURE CONTROLS:</u>	No occupational exposure limits established by OSHA, ACGIH or NIOSH.
<u>APPROPRIATE ENGINEERING CONTROLS:</u>	Use in a well-ventilated area.
<u>RESPIRATORY PROTECTION:</u>	Where dusty conditions require it, use a NIOSH/MSHA-approved dust respirator for needed protection.
<u>EYES AND FACE:</u>	Wear safety glasses with side shields, under dusty conditions, wear safety goggles. Do not wear contact lenses.
<u>HANDS, ARMS, AND BODY:</u>	To minimize skin contact, wear long-sleeve shirt, trousers and gloves for routine product handling or use. Wash hands after handling.
<u>OTHER CLOTHING &amp; EQUIPMENT:</u>	Not generally required.

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## Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

<u>APPEARANCE:</u>	Light brown rhombic crystals or granules
<u>ODOR:</u>	Slight chemical odor
<u>ODOR THRESHOLD:</u>	No data
<u>PH:</u>	4.5 – 7.0 (0.1 M Solution)
<u>MELTING POINT:</u>	455 F° (235 C°) Decomposes
<u>BOILING POINT:</u>	No data
<u>FLASH POINT:</u>	No data
<u>EVAPORATION RATE:</u>	No data
<u>FLAMMABILITY:</u>	Not flammable
<u>FLAMMABILITY LIMITS:</u>	Not applicable
<u>VAPOR PRESSURE:</u>	No data
<u>VAPOR DENSITY:</u>	No data
<u>RELATIVE DENSITY:</u>	0.84
<u>SOLUBILITY (water):</u>	76.7% @ 25°C
<u>PARTITION COEFFICIENT:</u>	No data
<u>AUTOIGNITION TEMP:</u>	Not applicable
<u>DECOMPOSITION TEMP:</u>	No data
<u>VISCOSITY:</u>	Not applicable

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## Section 10 – STABILITY AND REACTIVITY

<u>REACTIVITY:</u>	Reactions may occur with incompatible materials.
<u>CHEMICAL STABILITY:</u>	Stable under normal conditions of use.
<u>POSSIBILITY OF HAZARDOUS REACTIONS:</u>	Not reported under normal conditions of use.
<u>CONDITIONS TO AVOID:</u>	Keep away from heat and incompatible materials.

INCOMPATIBLE MATERIALS: Keep away from ammonium nitrate, potassium or sodium alloys, bases, chlorates, chlorine, copper and alloys, nitrates, strong oxidizers, potassium chlorate, potassium nitrate, and sodium hypochlorite.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition produces gaseous ammonia and oxides of sulfur. It may also produce toxic oxides of nitrogen.

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### Section 11 – TOXICOLOGICAL INFORMATION

#### ORGANIC COMPLEXED AMMONIUM SALTS:

Toxicity Data: 3000 mg/kg oral-rat LD50

Carcinogen Status: None

Local Effects: May be an Irritant – Inhalation, skin, and eye – A single dermal dose of 0.5 g elicited transient (reversible) mild dermal irritation in the rabbit.

Acute Toxicity Level: May be harmful if swallowed

Target Effects: No data available

At Increased Risk From Exposure to dust: Persons with Asthma

Delayed (Subchronic and Chronic) Effects: Eye irritation – a single ocular dose of 100 mg elicited transient (reversible) moderate ocular irritation in the rabbit. There was no evidence of skin sensitization seen in guinea pigs.

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### Section 12 – ECOLOGICAL INFORMATION

ECOTOXICITY: No data

PERSISTENCE AND DEGRADABILITY: No data

BIOACCUMULATIVE POTENTIAL: No data

MOBILITY IN SOIL: No data

OTHER ADVERSE EFFECTS: No data

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### Section 13 – DISPOSAL CONSIDERATIONS

Dispose of product in accordance with applicable regulations. Keep out of any body of water. Sweep or shovel material into the labeled container.

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### Section 14 – TRANSPORT INFORMATION

Not regulated for transport.

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### Section 15 – REGULATORY INFORMATION

Follow all applicable regulations in your jurisdiction.

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## **Section 16 – OTHER INFORMATION**

DATE OF PREPARATION: August 8, 2017

THIS INFORMATION IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US AND WAS PREPARED PURSUANT TO GOVERNMENT REGULATION(S) THAT IDENTIFY SPECIFIC TYPES OF INFORMATION TO BE PROVIDED. HOWEVER, WE MAKE NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WITH RESPECT TO SUCH INFORMATION AND WE ASSUME NO LIABILITY RESULTING FROM ITS USE. USERS SHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THE INFORMATION FOR THEIR OWN PARTICULAR PURPOSES. PURCHASERS AND USERS ASSUME ALL RISK OF USE, STORAGE AND HANDLING THE PRODUCT IN COMPLIANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.