

Material Safety Data Sheet: **Mammoth Garden *Grow Me***

Version No. 2

Date of Preparation: October 2022

ANSI-Z400.1-2004 Format

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Mammoth Garden *Grow Me*

Effective Date: 1 October 2022

Manufacturer's Product Code Numbers: **Please refer to page 4*

Manufacturer information: Growcentia, Inc.
4545 Viking Way
Loveland, CO 80538

GENERAL USE: *Grow Me* is specifically designed to be used to enhance your regular fertilization program. Application during clone and vegetative phase will increase yield potential and improve plant quality by improving soil structure and supplying organic matter. *Grow Me* has a near-neutral pH formulation and runs clean in any system.

Section 2: HAZARDS IDENTIFICATION

WARNING: Mild eye irritant. Ingestion may lead to stomach or intestinal upset.

Eye Contact: Mild Eye Irritant.

Ingestion: May cause stomach or intestinal upset if swallowed. Induce vomiting and seek medical attention.

Skin Contact: May cause slight irritation to skin tissue. Use of gloves recommended.

Inhalation: No adverse effects expected under typical use conditions. Adequate ventilation should be present when using *Grow Me* over a prolonged period of time. Open windows or ventilate via fan or other air-moving equipment if necessary.

Carcinogens: No ingredients are listed by OSHA, IARC, or NTP as known or suspected carcinogens.

Exposure limits: Not Available.

Medical Conditions: No medical conditions are known to be aggravated by exposure to *Grow Me*.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Soil Amending Ingredients: Earthworm Castings

Nonplant Food Ingredients: Fermented Alfalfa Filtrate

CAS Number: Not Available

Synonyms: Soil Amendment

Section 4: FIRST-AID MEASURES

Eye Contact: Reddening may develop. Immediately rinse the eye with large quantities of cool water; continue 10-15 minutes or until the material has been removed; be sure to remove contact lenses, if present, and to lift upper and lower lids during rinsing. Get medical attention if irritation persists.

Ingestion: Induce vomiting. For emergency first aid, begin gastric lavage and get prompt medical attention.

Skin Contact: Minimal effects, if any; rinse skin with water, rinse shoes and launder clothing before reuse. Reversible reddening may occur in some dermal-sensitive users; thoroughly rinse area and get medical attention if reaction persists.

Inhalation: Non-toxic. Exposure to concentrate may cause mild irritation of nasal passages or throat; remove to fresh air. Get medical attention if irritation persists.

Section 5: FIRE-FIGHTING MEASURES

Grow Me is stable, not flammable, and will not burn. Avoid water reactive materials. No special procedures required.

Flash Point/Auto-Ignition: Not flammable.

Extinguishing Media: Not flammable/non-explosive.

Flammability Limits: Not flammable.

Special Fire Fighting Equipment/Procedures: None required.

Section 6: ACCIDENTAL RELEASE MEASURES

Method for cleaning up: Neutralize with mild alkali such as caustic soda, or soda ash, followed by secondary sewage disposal. Vacuum or use wet clean-up techniques and place in properly labeled and closed container. Dispose of collected material according to federal, state/provincial, and local environmental regulations.

Spills and leaks: Contain and return material to container. Keep from waterways and sewers.

Section 7: HANDLING AND STORAGE

Handling: Protect eyes to prevent contact. Avoid prolonged or repeated exposure to skin. Wear proper P.P.E. and wash well with soap and water after each use.

Storage: Store out of direct sunlight and away from hot or cold extremes. Keep out of reach of children. Keep containers sealed until ready for use.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: General mechanical ventilation can be expected to effectively remove and prevent buildup of any dust generated from handling this product in a closed environment.

Personal Protection:

Eyes: Avoid contact with eyes. Use approved O.S.H.A safety glasses.

Hands: Avoid skin contact by using rubber or neoprene gloves.

Respiratory: No respiratory protection required under normal conditions of use. Local exhaust is sufficient.

Other: Open wounds or skin surface disruptions should be covered with a chemical resistant patch to minimize absorption risks.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solution is a dark brown/orange liquid.

Odor: earthy odor

Odor threshold: NA

pH: 5.6 ± 0.2

Melting point: NA

Freezing Point: Approx -2°C (30°F)

Boiling Point: 100.6°C (212°F)

Flash point: NA

Evaporation rate: NA

Flammability: Not flammable

Upper/lower flammability/explosive limits: Not flammable

Vapor Pressure: NA

Vapor Density: NA

Density: 1 oz/oz (1ml/g)

Water Solubility: 100%

Partition coefficient: NA

Auto-ignition temperature: NA

Decomposition temperature: NA

Viscosity: NA

Section 10: STABILITY AND REACTIVITY

Chemical Stability: This material is chemically stable under normal storage and handling conditions.

Hazardous Decomposition: When involved in a fire, burning may evolve noxious fumes which may include carbon monoxide, carbon dioxide, nitrous oxides, or other toxic compounds depending on the chemical composition and combustion conditions. If combusted, ammonia gas may form.

Hazardous Polymerization: Not known to occur.

Section 11: TOXOLOGICAL INFORMATION

Chronic Toxicity: None known

Mutagenic Effects: None known

Teratogenic Effects: None known

Developmental Toxicity: None known

Carcinogenic Effects: None known

Acute Effects on Humans: May cause skin, eye, and respiratory irritation.

Sensitization: Repeated or prolonged exposure to the substance at concentration above the exposure limits may cause respiratory tract and lung sensitization.

Existing Medical Conditions Aggravated: None known

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: No data available, however the material is not expected to have any deleterious toxic effect.

Environmental Fate: No data available regarding the environmental fate or biodegradation.

Section 13: DISPOSAL CONSIDERATION

EPA Waste Number: Non-hazardous waste

Treatment: Dispose of according to all federal, state/provincial and local environmental regulations.

Section 14: TRANSPORT INFORMATION

This product is non-hazardous for transport according to the U.S. Department of Transportation Services

UN Number: Not required

Dangerous Goods Class: Non-hazardous

This product is non-hazardous for storage and transport according to the U.S. Department of Transportation Regulations. *Grow Me* requires no special labeling or placarding to meet U.S. Department of Transportation requirements.

Section 15: REGULATORY INFORMATION

US Federal Regulations:

Product Information: This product is not considered hazardous.

Section 16: OTHER INFORMATION

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