

Material Safety Data Sheet: **Mammoth Micros**

Version No. 1

**Date of Preparation:** June 2021

*ANSI-Z400.1-2004 Format*

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Mammoth Micros

**Effective Date:** **1 June 2021**

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

**Manufacturer information:** Growcentia, Inc.  
500 E Vine Dr.  
Fort Collins, CO 80524-4326  
970-818-3321 (ph)

**GENERAL USE:** *Mammoth Micros* promotes plant vigor and replenishes nutrient depleted growing mediums. Provides nourishment to boost plant vitality.

## SECTION 2: HAZARDS IDENTIFICATION

**None of the ingredients in this material meet the definition of "Hazardous Chemical" 29 CFR1910.1200.**

**Eye Contact:** No toxicity. Irritation may occur if in contact with eyes.

**Ingestion:** Non-consumable product, avoid ingestion.

**Skin Contact:** No adverse effects expected.

**Inhalation:** No adverse effects expected.

**Carcinogens:** Not available.

**Exposure limits:** Not available.

**Medical Conditions:** No medical conditions are known to be aggravated by exposure to *Mammoth Micros*.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:** Fermented Oilseed Extract, Monopotassium Phosphate, Potassium Sulfate, Ammonium Phosphate, Sulfate of Ammonia, Ammonium Nitrate, Urea

**CAS Number:** Not Available

**Synonyms:** Micronutrient Fertilizer

#### SECTION 4: FIRST-AID MEASURES

**Eye Contact:** Reddening may develop. Promptly flush with water for at least 15 minutes. Seek medical attention if irritation persists.

**Ingestion:** If swallowed, rinse out mouth and drink water in small sips. Seek medical attention if symptoms occur.

**Skin Contact:** No adverse effects expected. Wash hands thoroughly with soap and water after handling. Seek medical attention if irritation persists.

**Inhalation:** No adverse effects expected. Seek medical attention if irritation persists.

#### SECTION 5: FIRE-FIGHTING MEASURES

**Mammoth Micros are stable and not flammable. No special procedures required.**

**Flash Point/Auto-Ignition:** Not applicable. Not prone to spontaneous combustion.

**Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

**Flammability Limits:** Not flammable.

**Special Fire Fighting Equipment/Procedures:** Dangerous gases are evolved in the event of a fire. Use appropriate extinguishing media for material that is supplying fuel. Keep out of smoke. Fight fire from upwind position. Cool closed containers exposed to fire with water spray. Do not allow run-off from firefighting to enter drains or water courses.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Spills and leaks:** Dike for containment. Use standard absorbent and/or dilute with water.

#### SECTION 7: HANDLING AND STORAGE

**Handling:** Handle and open container in a manner as to prevent spillage.

**Storage:** Always store in original packaging in a cool, dry place, away from direct sunlight. Keep out of reach of children and pets. Do not let product freeze or reach temperatures greater than 110°F.

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering controls:** Washing facilities should be available.

**Personal Protection:**

**Eyes:** Wear chemical splash goggles if exposed to splashing materials.

**Skin:** Rubber coated gloves and suitable clothing are recommended.

**Respiratory:** None required under normal conditions. Confined space entry procedures should be followed when entering vessels that have contained the product.

**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:** Material is a light brown liquid.  
**Odor:** Fermented  
**Odor threshold:** NA  
**pH:** 4.5-5.0  
**Melting point:** NA  
**Freezing Point:** NA  
**Boiling Point:** NA  
**Flash point:** NA  
**Evaporation rate:** NA  
**Flammability:** Not flammable  
**Upper/lower flammability/explosive limits:** Not flammable  
**Vapor Pressure:** NA  
**Vapor Density:** NA  
**Density:** NA  
**Water Solubility:** 100%  
**Partition coefficient:** NA  
**Auto-ignition temperature:** NA  
**Decomposition temperature:** NA  
**Viscosity:** NA  
**Specific Gravity:** 9.38 +/- 0.20

## SECTION 10: STABILITY AND REACTIVITY

**Chemical Stability:** This material is chemically stable under normal storage and handling conditions. Avoid excessive heat, contact with strong alkalis, oxidizers, and reducing agents, fuels and other combustible materials.

**Hazardous Decomposition:** No decomposition products expected under normal conditions of use.

**Hazardous Polymerization:** Not known to occur.

## SECTION 11: TOXOLOGICAL INFORMATION

**No components of this product are listed as carcinogenic by NTP, IARC, or OSHA.**

**Chronic Toxicity:** None known

**Mutagenic Effects:** None known

**Teratogenic Effects:** None known

**Developmental Toxicity:** None known

**Carcinogenic Effects:** None known

**Acute Effects on Humans:** None known

**Sensitization:** None known

**Existing Medical Conditions Aggravated:** None known

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** NA

**Environmental Fate:** This product is biodegradable. Dispose of this product by diluting it with water and apply to soil, plants, turf, etc.

## SECTION 13: DISPOSAL CONSIDERATION

**Product Disposal:** This product is biodegradable. Dispose of this product by diluting it with water and apply to soil, plants, turf, etc.

**Container Disposal:** Completely empty and rinse container before disposal. Recycle according to local guidelines.

## SECTION 14: TRANSPORT INFORMATION

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

**UN Number:** NA

**Dangerous Goods Class:** Non-hazardous

**This product is non-hazardous for storage and transport according to the U.S. Department of Transportation Regulations.**

## SECTION 15: REGULATORY INFORMATION

**US Federal Regulations:**

**Product Information:** This product is registered as a fertilizer.

## SECTION 16: OTHER INFORMATION

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