

# Material Safety Data Sheet (MSDS)

Material Safety Data Sheet: **Mammoth Myco**

Version No. 1

**Date of Preparation:** April 2022

*ANSI-Z400.1-2004 Format*

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Mammoth Myco

**Effective Date:** **1 April 2022**

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

**Distributor Information:** Growcentia, Inc.  
4545 Viking Way  
Loveland, CO 80536  
(970) 818-3321 (ph)

**Manufacturer Information:** Mycointech Europe SL  
Vat #: B55681266  
C/August, núm.5, 6<sup>º</sup>3<sup>a</sup>  
43003 – Tarragona, Spain

**GENERAL USE:** Mycorrhizae have been shown to increase overall plant and root mass. Use *Mammoth Myco* as an amendment to your hydroponic system, soil, or other growth media.

## SECTION 2: HAZARDS IDENTIFICATION

**Classification according to Regulation (EC) No 1272/2008. This product is not classified, according to the CLP Regulation. This product is not included in the list of hazards in the OSHA/WHMIS/GHS regulations.**

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

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

**Skin Contact:** No adverse effects expected. Prolonged contact may cause irritation in sensitive individuals.

**Inhalation:** No adverse effects expected. Excessive inhalation may cause irritation.

**Carcinogens:** Not available.

**Exposure limits:** Not available.

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

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:** *Rhizophagus irregularis*, *Funneliformis mosseae*, *Septoglomus deserticola*, *Claroideoglomus etunicatum*, *Bacillus subtilis* (Strain BM-1307), *Bacillus megaterium* (Strain BM-4112), zeolite, and dextrose.

**CAS Number:** Zeolite: 1318-02-1

Dextrose: 50-99-7

**Synonyms:** Mycorrhizal inoculant, beneficial bacteria, soil amendment

### SECTION 4: FIRST-AID MEASURES

**Eye Contact:** In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. 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:** Minimal effects expected. Immediately wash hands thoroughly with soap and water after handling. Wash contaminated clothing before reuse. Seek medical attention if irritation persists.

**Inhalation:** Remove patient from affected area. Avoid inhalation of dust from the product. Seek medical attention if symptoms occur.

### SECTION 5: FIRE-FIGHTING MEASURES

**Mammoth Myco is stable and not flammable. No special procedures required.**

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

**Extinguishing Media:** Use water spray, carbon dioxide, dry chemical powder, or appropriate foam.

**Flammability Limits:** Not flammable.

**Special Fire Fighting Equipment/Procedures:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Spills and leaks:** Use methods to clean spill which avoid creating airborne dust. Avoid breathing dust by using adequate ventilation and/or NIOSH or MSHA approved respirator for nuisance dust of this type. If spilled, simply sweep or vacuum up spilled product, dispose as soil. Decontamination is unnecessary. No environmental hazards.

### SECTION 7: HANDLING AND STORAGE

**Handling:** Handle and open container in a manner as to prevent spillage. Always wash hands with soap and water before handling food or smoking. Use chemical hygiene practices when working with any chemical.

**Storage:** Always store in original packaging in a cool, dry place, away from direct sunlight. Keep tightly closed when not in use. Avoid storage in a humid environment or above 95°F (35°C) or below 32°F (0°C). Keep out of reach of children and pets, and away from food and drinking water.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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

### Personal Protection:

**Eyes:** None required under normal conditions. The use of safety glasses with side shields or splash goggles is recommended for packaging jobs. Wear protective goggles if intrusion into high dust area is necessary.

**Skin:** Wash hands with soap and water. Protective gloves are recommended. Latex gloves are adequate in preventing prolonged skin contact.

**Respiratory:** None required under normal conditions. Local exhaust ventilation should be sufficient. If used in a manner which creates a mist, mechanical ventilation may be required.

**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:** Light colored powder

**Particle size:** 0-120 µm

**Odor:** NA

**Odor threshold:** NA

**pH in water (1:5):** 7±1

**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:** 0.3-0.5 kg/L

**Solubility:** 80-85%

**Partition coefficient:** NA

**Auto-ignition temperature:** NA

**Decomposition temperature:** NA

**Viscosity:** NA

## SECTION 10: STABILITY AND REACTIVITY

**Chemical Stability:** This material is stable for a period of 24 months if stored in a cool, dry place, away from direct sunlight.

**Hazardous Decomposition:** None. Biodegradable product.

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

## SECTION 11: TOXOLOGICAL INFORMATION

**Acute Effects on Humans:** Repeated or prolonged exposure to the substance at concentration above the exposure limits may cause respiratory tract and lung sensitization.

**Eye:** Exposure to airborne dust may cause immediate or delayed irritation. Eye contact by large amounts of dry powder may cause eye irritation.

**Skin Contact:** Prolonged contact in sensitive individuals may cause irritation, contact dermatitis, and dry skin.

**Inhalation:** No known effects, however, product is a fine dust and lung injury (silicosis) could be possible from excessive inhalation over an extended period. May cause irritation to the respiratory system.

**Signs & Symptoms:** None known

**Chronic Toxicity:** None known

**Mutagenic Effects:** None known

**Teratogenic Effects:** None known

**Developmental Toxicity:** None known

**Carcinogenic Effects:** None known

**Existing Medical Conditions Aggravated:** None known

## SECTION 12: ECOLOGICAL INFORMATION

**Toxicity:** No described. Material is not expected to have any deleterious toxic effect.

**Persistence and Degradability:** Partially biodegradable product. The non-degradable fraction is composed of natural substrate from rock.

**Bio-accumulative Potential:** Not bio-accumulative if used according to the manufacturer's recommendations.

**Mobility in Soil:** No described.

## SECTION 13: DISPOSAL CONSIDERATION

**Product Disposal:** Collect material and place in a suitable container for reuse or disposal. This product is partially biodegradable. Dispose of this product in accordance with federal, state, and local regulations.

**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:** 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.** *Mammoth Myco* requires no special labeling or placarding to meet U.S. DOT requirements.

## SECTION 15: REGULATORY INFORMATION

**EC Classification:** Not classified as hazardous.

**Prevention Precautionary Statements:**

P102 – Keep out of the reach of children

P270 – Do not eat, drink, or smoke during use

**Product Information:** This product is registered as a soil amendment.

## SECTION 16: OTHER INFORMATION

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