



SAFETY DATA SHEET

Section 1: Product Identification

Product Name: Trifecta Myco Supreme
General Use: Soil Conditioner/ Plant Amendment
Supplier: Trifecta LLC
13 Fleming St
South Williamsport, PA 17702
Phone: (570) 337-5125
Emergency (24 hour): (570) 337-5125
Revision date: Apr 20, 2021

Section 2: Hazards Identification

2.1 Classification of the Substance or Mixture

According with the version of the Globally Harmonized System of Classification and Labeling adopted in the United States and Regulation 1272/2008/EC [CLP]: Not classified.

Contains microorganisms, which may cause sensitizing reactions.

2.2 Label Elements

Signal Word:
Not applicable

Hazard Statements:
Not Applicable

Symbol:
Not Applicable

Precautionary Statements:
Not Applicable

2.3 Other Hazards

Fire and Explosion Hazard:

May form combustible dust concentrations in air. Possibility of dust explosion. It is recommended that all dust control equipment and material transport systems involved are engineered to prevent conditions contributing to dust explosions. Do not allow dust to accumulate on flat surfaces, on rafters or building structural components. Keep away from all ignition sources including heat, sparks, and flame.

Potential acute health effects from occupational exposure:

Inhalation: Exposure to high airborne concentrations may cause mild respiratory irritation due to drying effects of dust.

Skin contact: Sustained exposure in a dusty manufacturing environment may result in mechanical irritation in the creases of the skin, particularly at the fingers. No health effects known or anticipated.

Eye contact: May cause slight mechanical irritation from acute exposure.

Ingestion: No effects known or anticipated.

Section 3: Composition

Chemical Family: Blend

<i>Ingredient</i>	<i>CAS Number</i>	<i>OSHA PEL</i>	<i>REACH REG NO.</i>	<i>Concentration</i>	<i>Classification</i>
<i>Rhizophagus Irregularis</i>	NA	NA	NONE	50 spores/g	NONE

NOTE—The other ingredients are not listed as they have no impact on the classification.

Section 4: First Aid

General Protection: Protection of rescue workers: Wear appropriate individual protective equipment. (see section 8). Transport the affected person into the open air. Remove contaminated shoes and clothing.

Inhalation: Remove individual to fresh air. Do not allow the person to get cold. Keep the victim resting in a semi-seated position. In the absence of breathing, use artificial respiration. Consult a physician.

Skin Contact: Remove contaminated clothing and footwear. Wash thoroughly with soap and water and do not reuse clothing until properly cleaned. If symptoms should develop, get medical advice/attention.

Eye Contact: Immediately flush eyes with plenty of cool, clean water for at least 15 minutes. Keep eyelids apart to maintain maximum contact with water. Do not allow the individual to rub their eyes. Consult a physician if symptoms develop.

Ingestion: In the event of ingestion, rinse the mouth with water (only if the person is conscious). Contact a physician if symptoms develop.

Section 5: Fire and Explosion Data

Extinguishing Media: Water spray, foam, dry chemical or carbon dioxide. Use of water jet may cause explosive dust conditions.

Fire and Explosion Hazard: Possibility of dust explosion. It is recommended that all dust control equipment and material transport systems involved are engineered to prevent conditions contribution to dust explosions. Do not allow dust to accumulate on flat surfaces, on rafters, or building structural components. Use of water jet may cause

explosive dust conditions. See NFPA 61, standard for the prevention of fire and dust explosions in agricultural and food processing facilities, 2008 or later edition.

Special Procedures: Use self-contained breathing apparatus (SCBA) and proper personal protection clothing.

Hazardous Combustion Products: In a fire-fighting scenario involving multiple chemicals, vapors can be released that might contain oxides of carbon and firefighters should attack and contain fire and any fumes accordingly.

Section 6: Accidental Release Procedures

Personal precautions, protective equipment, and emergency procedures: Clear area of non-essential personnel. Use proper personal protective equipment (PPE).

Methods and materials for containment and cleaning up: Contain spill or leak and soak up as much material as possible. Put collected material into suitable containers for disposal. Close or cap valves and/or block or plug hole in leaking container and transfer to another container. Use appropriate containment to avoid runoff or release to sewer or waterways.

Recovered solids or liquids may be disposed of in a permitted waste management facility. Consult Federal, state or local disposal authorities for approved procedures. Any disposal must be in compliance with Federal, state, or local regulations.

Section 7: Handling and Storage

Precautions for safe handling: See NFPA 61, Standard for the Prevention of Fire and Dust Explosions in Agricultural and Food Processing Facilities, 2008 Edition, and other related standards. Use with adequate ventilation. Minimize dust generation and accumulation; dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are disturbed.

All dust control equipment and material transport systems involved are engineered to prevent conditions contributing to dust explosions and may require explosion relief vents or an explosion suppression system or an oxygen-deficient environment. Bonding and grounding systems may be required.

Dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) should be designed to limit or prevent leakage of dust into the work area.

Do not allow dust to accumulate on flat surfaces, on rafters or building structural components. Routine housekeeping should be instituted to reduce dust accumulation. Use Avoid dispersal of dust in the air; use vacuum or wet sweeping methods. Do not use compressed air to clean surfaces.

Keep away from all ignition sources including heat, sparks, and flame. Where dust accumulations occur use non-sparking tools.

Eye wash and safety showers are recommended in the immediate work area. Check with your State OSHA to determine the maximum distance for stations to be placed in regards to possible chemical exposure.

Conditions for safe storage, including any incompatibilities: The material is safe to store at ambient temperatures of between 35° and 95° F. Keep containers closed when not in use to prevent losses and possible contamination.

Section 8: Employee Protection and Control Measures

8.1 CONTROL PARAMETERS

Exposure limits: Nuisance dust (also called particulate not otherwise regulated (PNOR)).

OSHA PEL: 15 mg/ mg/m³ Total dust

5 mg/m³ Respirable dust

ACGIH TLV: 10 mg/m³ Inhalable dust

5 mg/m³ Respirable dust 15 mg/m³ Total dust

8.2 EXPOSURE CONTROLS

APPROPRIATE ENGINEERING CONTROLS:

Ventilation: See NFPA 61, Standard for the Prevention of Fire and Dust Explosions in Agricultural and Food Processing Facilities, 2008 Edition, and National Fire Protection Association 650, Standard for Pneumatic Conveying Systems for Handling Combustible Materials, 1997 Edition and other related standards. Normal industrial hygiene measures should be sufficient for protection of employees from exposure to dusts. Local and mechanical exhaust is desirable when dumping bags.

APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT:

Eye protection: Safety glasses are recommended. Safety goggles are desirable when dumping bags.

Emergency wash facilities: Eye wash is recommended for conditions where dust generation is likely.

Special protective clothing: Not normally required.

Gloves: Not normally required. Use ordinary work gloves if dust dries skin.

Respirator: NIOSH approved N-95 dust respirator if working in situations that could generate large amounts of airborne dust.

FOR FIREFIGHTING AND OTHER IMMEDIATELY DANGEROUS TO LIFE OR HEALTH CONDITIONS: See section 5.

Section 9: Physical and Chemical Properties

Appearance: White/Tan Crystalline Powder

Odor: Odorless

Odor threshold: Not tested

pH: NA

Melting point/freezing point: No Data

Initial boiling point and range: No Data

Flash Point: No Data

Evaporation Rate: NA
Flammability (solid, gas): No Data
Upper/lower flammability or explosive limits: Not tested
Vapor pressure: No Data
Vapor Density: No Data
Relative density: Specific Gravity (H₂O = 1): No Data
Solubility (water): Soluble
Partition coefficient: n-octanol/water: No Data
Auto-ignition temperature: No Data
Decomposition temperature: No Data
Stability: Stable
Percent Volatiles: Not tested

Section 10: Stability and Reactivity

Reactivity: Product is stable as delivered
Chemical Stability: Stable
Possibility of hazardous reactions: NA
Conditions to avoid: Practices which produce dust or disperse finely divided dust in air.
Incompatible materials: Avoid contact with strong acids and strong oxidizers.
Hazardous decomposition products: Oxides of carbon.
Polymerization: Will not occur.

Section 11: Toxicological Information

Acute Toxicity Data: Not tested, but expected to be low toxicity based on ingredients
Irritant Data: Skin and eye irritation may occur.
Primary Routes of Exposure (Acute):
Eye and Skin Exposure: No long-term effects are expected, but exposure may cause mild irritation to skin and irritation to eyes.
Inhalation: No long-term effects are expected, but irritation to the nose or throat may occur.
Ingestion: No long-term effects are expected with ingestion of small quantities, but swallowing may lead to gastrointestinal irritation, diarrhea, or nausea.

Primary Routes of Exposure (Chronic):

The effects from chronic exposure to this product have not been fully evaluated, but none are expected with the formulated product.

Carcinogenicity: None of the components present in this material are listed on the IARC, NTP, or OSHA carcinogen lists.

Safety Precautions: As with all chemicals, avoid contact with eyes, skin, and clothing; wash thoroughly after handling, especially before eating, drinking, or smoking.

Contains Microorganisms, which may cause sensitizing reactions.

Section 12: Ecological Information

Contact your Trifecta LLC representative for assistance.

Section 13: Disposal Considerations

Waste Disposal: All disposals of this material must be done in accordance with Federal, state and local regulations. No special disposal method required. Product can be disposed in regular trash or waste. Waste characterization and compliance with disposal regulations are the responsibilities of the waste generator.

Section 14: Transportation Information

DOT Proper Shipping Name: Non-hazardous

DOT/IMO Proper Shipping Name: Not regulated

Section 15: Regulatory Information

15.1 Safety, health and environmental regulations

According with the version of the Globally Harmonized System of Classification and labeling adopted in the United States and Regulation 1272/2008/EC(CLP): Not classified

15.2 Chemical safety assessment

US FEDERAL REGULATIONS:

Clean Air Act:

ODS: Not applicable.

TSCA Status: Not applicable.

SARA (EPCRA) Section 313 (40 C.F.R. § 372.65): Not applicable.

STATE REPORTING REQUIREMENTS: California Proposition 65: Not applicable.

Section 16: Other Information

Last Revision: April 20, 2021

Current Revision: April 20, 2021

Revision summary: First Revision

Prepared By: Trifecta LLC

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