

SAFETY DATA SHEET (SDS)

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	MycoApply® Injector Ecto
Product Code(s) / SKU(s)	AS10302.04.455; AS10302.04.100
Identified Use	Inoculant
Supplier	Mycorrhizal Applications, LLC
Address	710 NW "E" Street
City, State Zip Code Country	Grants Pass, OR 97526 USA
USA Phone Number	(866) 476-7800 (Monday-Friday, 7:00am – 4:00pm PST)
24 Hour Medical Emergency Phone Numbers	(877) 315-9819 (ProPharma) (800) 424-9300 (Domestic – ChemTrec) (703) 741-5970 (International – ChemTrec)

2. HAZARDS IDENTIFICATION

OSHA Regulatory Status: Hazard Communication Standard (29 CFR 1910.1200)	
2.1 Classification of the Substance or Mixture	
GHS Classification: CLP Classification – The product shall not be classified as hazardous according to the classification and labeling rules for substances and mixtures. Signal Word: Warning. Symbol/Pictogram: None. Hazard Statements: Nuisance dust. OSHA Hazard Category: Combustible Dust. Warning: May form combustible dust concentrations in air.	
2.2 GHS Label Elements	
Prevention Statements: Avoid breathing dust. Use outdoors or in a well-ventilated area. Precautionary Phrases: Not applicable. Response Statements: IF IN EYES: Rinse cautiously with water / ordinary eye wash. IF ON SKIN: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.	
2.3 Other Hazards	
None known.	

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical/Substance Name	Classification	CAS No.	Concentration (w/w %)
Active/Trade Secret – Non-Hazardous	Not classified	None	<5%*
Other Ingredients – Non-Hazardous	Not classified	None	>95%*

*Exact percentages vary based on batch-to-batch variability. Ingredients not identified are proprietary or non-hazardous.

4. FIRST AID MEASURES

4.1 Description of First Aid Measures	
Eye Contact	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
Skin Contact	Wash with soap and water. Then apply hand lotion. Exposure to skin may cause mild irritation and dry skin.
Ingestion	Wash out mouth thoroughly. Consult with doctor if symptoms persist.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult doctor if symptoms persist.
4.2 Most Important Symptoms and Effects, Both Acute and Delayed: Nuisance dust.	
Acute: Not known – treat with caution. No information on acute adverse effects.	
Delayed: Not known – treat with caution. No information on delayed adverse effects.	
4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed	
Treat symptomatically and supportively.	

5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media and Suitable Extinguishing Media
Suitable Extinguishing Media: Use extinguishing measures that are appropriate for local circumstances and the surrounding environment.
Unsuitable Extinguishing Media: Caution: Use of jet water spray may be inefficient.
5.2 Special Hazards Arising from the Substance or Mixture: Note the risk of dust.
Thermal Decomposition Products: None known.
5.3 Special Protective Equipment / Procedures for Firefighters
Protective Equipment and Precautions for Firefighters: Wear self-contained breathing apparatus (SCBA). Wear suitable protective clothing and eye/face protection.
Fire and Explosive Hazard: None known.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures
For Non-emergency Personnel: Avoid dispersal of dust in the air. Provide good ventilation.
6.2 Environmental Precautions
Avoid unnecessary release to the environment. Prevent spillage from entering drains and/or surface water.
6.3 Methods and Material for Containment and Cleaning Up
Dispose of contents/container in accordance with local/regional/national/international regulations.
6.4 Containment and Cleaning Up
Sweep up and collect for suitable disposal.

7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling
Minimize dust generation and accumulation. Ensure good ventilation/exhaustion at the workplace.
7.2 Conditions for Safe Storage, Including any Incompatibilities
Store in a dry, cool, well-ventilated area. Keep sealed in properly labeled container.
7.3 Incompatibilities
For more information see product label.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters: Component Exposure Levels (Information collected from supplier Safety Data Sheets)
There is no national exposure limit for this product. No chemical safety report is required for this kind of product.
8.2 Exposure Controls
Engineering Controls
For operations where the exposure limit may be exceeded, local exhaust ventilation is recommended.
Respiratory Protection
For operations where the exposure limit may be exceeded, a NIOSH/MSHA approved high efficiency particulate respirator is recommended.
8.3 Personal Protective Equipment
Skin Protection
Wear suitable protective clothing.
Eye Protection
Safety glasses or goggles recommended.
Respiratory Protection
For operations where the exposure limit may be exceeded, a NIOSH/MSHA approved high efficiency particulate respirator is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties	
Property	Value
State:	Powder
Appearance:	Dark Brown
Odor:	Mild
Odor Threshold:	Not determined
pH:	Not determined
Melting Point / Freezing Point:	Not applicable
Initial Boiling Point and Range:	Not determined
Flashpoint:	Not determined
Evaporation Rate (Butyl acetate=1):	Not applicable

Flammability (solid, gas):	Not applicable
Flammable Limits in Air % by Volume:	Not determined
LEL (Lower):	Not determined
UEL (Upper):	Not determined
Vapor Pressure:	Not applicable
Vapor Density (air=1):	Not applicable
Relative Density (water=1):	g/ml
Solubility:	Suspension in water
Partition Coefficient (n-octanol/water):	Not determined
Autoignition Temperature:	Not determined
Decomposition Temperature:	Not determined
Viscosity:	Not determined
Flammability Class:	Not determined
Oxidation Properties:	Not determined

10. STABILITY AND REACTIVITY

10.1 Reactivity	No further relevant information available.
10.2 Chemical Stability	No decomposition if used according to specifications.
10.3 Possibility of Hazardous Reactions	No further relevant information available.
10.4 Conditions to Avoid	Avoid formation of dust, high temperatures, direct sunlight, and humidity.
10.5 Incompatible Materials	No further relevant information available.
10.6 Hazardous Decomposition Products	No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects	
Likely Routes of Exposure	
Ingestion	No data available.
Inhalation	No data available.
Eye Contact	No data available.
Skin Contact	No data available.
Carcinogenicity	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
Formulation Toxicity	No data available.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity	No data available.
12.2 Persistence and Degradability	No data available.
12.3 Bio-accumulative Potential	No data available.
12.4 Mobility in Soil	No data available.
12.5 Results of PBT and vPvB Assessment	PBT: Not applicable. vPvB: Not applicable.
12.6 Other Adverse Effects	None known.

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment and Disposal Methods
Do not discharge large quantities of concentrated spills and residue into drains. If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

14. TRANSPORT INFORMATION

14.1 Transport Information				
	DOT	IMDG	IATA	TDG
UN Number	Not applicable	Not applicable	Not applicable	Not applicable
Proper Shipping Name	Not regulated	Not regulated	Not regulated	Not regulated
Hazard Class(es)	Not applicable	Not applicable	Not applicable	Not applicable
Packing Group	Not applicable	Not applicable	Not applicable	Not applicable

Special Precautions	Consult IMO regulations before transporting ocean bulk. Transport in bulk according to Annex I or II of MARPOL 73/78 and the IBC or IGC Code.
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15. REGULATORY INFORMATION

15.1 Safety, Health and Environment Regulations / Legislation Specific for the Substance or Mixture	
US TSCA	There is no specific regulation/legislation for this mixture.
CERCLA STATUS	There is no specific regulation/legislation for this mixture.
SARA STATUS	Acute: No. Chronic: No. CDT: No.
SARA 313	There is no specific regulation/legislation for this mixture.
RCRA STATUS	There is no specific regulation/legislation for this mixture.
State Right-To-Know	Consult applicable national, state provincial or local laws to determine regulations, laws or ordinances which may be applicable.
OSHA HAZARD COMMUNICATION STANDARD	Not defined by the OSHA Hazard Communication Standard, 29 CFR.
15.2 Pesticide Labeling	
Not an EPA registered pesticide.	

16. OTHER INFORMATION

Safety Information			
HMIS Ratings:	Health – 0*	Flammability – 0	Reactivity – 0
0 = Minimal Hazard, 1 = Slight Hazard, 2 = Moderate Hazard, 3 = Serious Hazard, 4 = Severe Hazard			
NFPA Hazard Ratings:	Health – 1	Flammability – 1	Reactivity – 0
0 = Minimal Hazard, 1 = Slight Hazard, 2 = Moderate Hazard, 3 = Serious Hazard, 4 = Severe Hazard			
16.1 GHS Abbreviations and Phrases for Reference			
® = Registered Trademark ™ = Registered Trademark L = Listed S = Short-term N/A = Not Applicable N/L = Not Listed N/D = Not Determined C = Ceiling			
Disclaimer: The information provided in this Safety Data Sheet (SDS) is provided in good faith and believed to be accurate at the time of preparation of the SDS. However, Mycorrhizal Applications, LLC and its subsidiaries or affiliates extend no warranties, make no representations, and assume no responsibility as to the accuracy, suitability, or completeness of such information. Additionally, neither Mycorrhizal Applications, LLC nor any of its subsidiaries or affiliates represents or guarantees that this information or product may be used without infringing the intellectual property rights of others. It is the user's own responsibility to determine the suitability of this information for their own particular use of this product. If necessary, contact Mycorrhizal Applications, LLC to confirm that you have the most current product label and SDS. This Safety Data Sheet (SDS) may provide more information than the product label but does not replace or modify the product labeling (attached to and accompanying the product container). The product SDS and the product label both provide consistent and important health, safety, and environmental information as required by the Occupational Health and Safety Act (29 CFR 1910.1200, "Hazcom"). This requirement covers employers, employees, emergency responders, users and others handling the product. All necessary hazard classification and appropriate precautionary, use, storage, and disposal information are set forth on the labeling and the SDS.			
Revision History: 10/19/2020: Updated the SDS format to new letterhead. 01/18/2023: Audit and revisions. 03/20/2023: Revised SDS published.			
SDS Issue Date: 03/20/2023		Version: v.3	