

SAFETY DATA SHEET (SDS)

1. PRODUCT & COMPANY IDENTIFICATION

Product Name	MycoApply® Injector Ecto 100 gram
Product Code	AS10302.04.455
Identified Use	Inoculant
Supplier	Mycorrhizal Applications, LLC
Address	710 NW E Street Grants Pass, OR 97526 USA
Telephone Number (USA)	866-476-7800 (Monday-Friday, 7:00am – 4:00pm PST)
24 Hour Medical Emergency Phone Number	877-315-9819 (PROPHARMA)

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 & 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 & 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 SDS's.

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 & 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 & 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 & 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 Contac	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 Bioaccumulative 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 under DOT	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.			

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 STATU	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

	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 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 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 users' own responsibility to determine the suitability of this information for their own particular use of this product. If necessary, contact Mycorrhizal Applications 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 is set forth on the labeling and the SDS.				
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