



SAFETY DATA SHEET (SDS)

1. PRODUCT & COMPANY IDENTIFICATION

Product Name:	MycoApply® Injector Ecto
Product Code:	AS10302.04
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	
<p>GHS Classification: CLP Classification – The product shall not be classified as hazardous according to the classification and labeling rules for substances and mixtures.</p> <p>Signal Word: Warning</p> <p>Symbol/Pictogram: None</p> <p>Hazard Statements: Nuisance dust. OSHA Hazard Category: Combustible Dust. Warning. May form combustible dust concentrations in air.</p>	
2.2 GHS Label Elements	
<p>Prevention Statements: Avoid breathing dust Use outdoors or in a well-ventilated area</p> <p>Precautionary Phrases: Not applicable</p> <p>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.</p> <p>Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.</p>	
2.3 Other Hazards: None known	

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical/Substance Name</u>	<u>Classification</u>	<u>CAS No.</u>	<u>Concentration (w/w %)</u>
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:
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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
Oxidating 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 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 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.
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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 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

<p>HMIS Ratings: Health – 0* Flammability – 0 Reactivity – 0 0 = Minimal Hazard, 1 = Slight Hazard, 2 = Moderate Hazard, 3 = Serious Hazard, 4 = Severe Hazard</p> <p>NFPA Hazard Ratings: Health – 1 Flammability – 1 Reactivity – 0 0 = Minimal Hazard, 1 = Slight Hazard, 2 = Moderate Hazard, 3 = Serious Hazard, 4 = Severe Hazard</p>	
16.1 GHS Abbreviations and Phrases for Reference:	
<p>® = Registered Trademark ™ = Registered Trademark L = Listed S = Short-term N/A = Not Applicable N/L = Not Listed N/D = Not Determined C = Ceiling</p> <p>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.</p> <p>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.</p>	
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Revision notes: New SDS / New Template	Version: v.1