

PRO-MIX HP BIOFUNGICIDE + MYCORRHIZAE / EPA Reg. No. 74267-4
Section I – Product and company identification
Product's Name

PRO-MIX HP BIOFUNGICIDE + MYCORRHIZAE / EPA Reg. No. 74267-4

Manufacturer's Name

Premier Tech Horticulture Ltd

Emergency Telephone Number:

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Address

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Telephone Number for information:

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Rivière-du-Loup (Québec)

Prepared by:

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Section II – Hazard Identification

Route(s) of Entry:	Inhalation Possible	Skin Open wounds	Ingestion Not applicable	Eyes Possible
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Carcinogenicity:

Long term exposure (10-15 years) to concentrated quartz dust; present in common soil mix ingredients such as Perlite, gypsum and sand, may cause significant risk of lung damage (silicosis). However, product water content renders significant exposure unlikely under typical use conditions.

Signs and Symptoms of Exposure:

Inhalation over long periods of high amounts of any nuisance dust may overload lung clearance mechanism, irritate mucous membrane and make lungs more vulnerable to respiratory disease.

Section III – Composition, Information and Ingredients
Product Composition
A. Hazardous

Nuisance dust

Ingredient	#CAS	%
Perlite	93763-70-3	25 - 35

Comments : Perlite may contain less than 1% Quartz (CAS # 14808-60-7)

B. Non-Hazardous

Ingredient	#CAS	%
Peat Moss	---	65 - 75

Exposure limits of Peat Moss Dust

OSHA PEL		ACGIH TLV	
Respirable Dust	5 mg/m ³	Respirable Particles	3 mg/m ³
Total Dust	15 mg/m ³	Inhalable Particles	10 mg/m ³

Section IV – Emergency and First Aid Measures
Inhalation: If inhaled, provide fresh air.

Eye contact: Rinse eyes with water.

Skin contact: Keep open wounds covered and clean as suggested by any good hygiene program.

Section V – Fire Fighting Measures

Flash Point (Method Used): Not applicable	Flammable Limits: Not applicable	LEL: ---	UEL: ---
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Extinguishing Media: Water	Unusual Fire and Explosion Hazard : None
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Special Fire-Fighting Procedures:
None. Caution: Burning may continue inside bags or piles after surface fire is out. Break bags or separate pile to assure that the fire is extinguished

Section VI – Accidental Release Measures

Steps to Be Taken in Case Material is Released or Spilled:
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.

Section VII – Handling and Storage

Handling: Avoid creating excessive dust during handling. Avoid breathing dust by using adequate ventilation and/or NIOSH or MSHA approved respirator for nuisance dust of this type.
Storage: No special storage requirements.

Section VIII – Exposure Control and Personal Protection

Respiratory Protection (*Specify Type*):
If dust is created use NIOSH or MSHA approved respirator for nuisance dust of this type.

Ventilation:
Local exhaust advisable if excessive dust is created.

Protective Gloves:
Not normally necessary but suggested in cases of open wounds that are not appropriately protected.

Eye Protection:
Protective eyewear should be worn where dust levels are high enough to cause irritation.

Protective Clothing or Equipment:
Normal work clothing.

Work/Hygienic Practices:
NIOSH or MSHA approved respirator, eye protection and ventilation under conditions where excessive dust is created. Open wounds should be kept clean and suitably protected.

Section IX – Physical and Chemical Properties

Boiling Point	Not applicable	Specific Gravity (H₂O = 1)	1.5
Vapor Pressure (mm Hg)	Not applicable	Melting Point	Not applicable
Vapor Density (AIR = 1)	Not applicable	Evaporation Rate (Butyl Acetate = 1)	Not applicable

Solubility in Water Not applicable

Appearance and Odor From blond to light brown fiber, earthy odor.

Section X – Stability and Reactivity

Stability: Stable	Conditions to Avoid: None known
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Incompatibility (*Materials to Avoid*): None known

Hazardous Decomposition or by Products: None

Hazardous Polymerization: Will not occur	Conditions to Avoid: None
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Section XI – Toxicological Information

Acute toxicity
Eye effects: Contact with eyes may cause irritation
Skin effects: May cause skin irritation in susceptible persons

Chronic toxicity

Carcinogenic effects:	NTP None	IARC None	OSHA None
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Ingestion: Health injuries are not known or expected under normal use

Inhalation: Health injuries are not known or expected under normal use

Section XII – Ecological Information

Ecotoxicity effects: No known effects.

Persistence and degradability: Inherently biodegradable.

Bioaccumulative potential: Not applicable.

Mobility: The product is insoluble and sinks in water.

Aquatic toxicity: May be beneficial to plant life.

Section XIII – Disposal Information

Disposal: The waste of this product is not defined as hazardous. Dispose of all waste in accordance with federal, state and local regulation.

Hazardous Waste Classification: Not applicable

Section XIV – Transport Information

TDG Classification: Not regulated

DOT Classification: Ground/Air Transport – NAFTA: Not regulated

Water/Air Transport – International: Not regulated

Section XV – Regulatory Information

EPA Registration No.

74267-4

WHMIS

Not a controlled product

Canadian Environmental Protection Act (CEPA)

All constituents of these products are on the Domestic Substance List (DSL).

EPCRA SARA Title III Classification

Section 311/312/ Hazard Classes: Not applicable

Section 313 Toxic Chemicals: Not applicable

CERCLA/SARA 302 Reportable Quantity (RQ)

Not applicable

RCRA Hazardous Waste Classification (40 CFR 261)

Not applicable

Toxic Substances Control Act (TSCA)

All ingredients are either listed on the TSCA Inventory or are exempt from listing

Section XVI – Other Information

Original Issued Date: January 22, 2014

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Additional Information: The information above is accurate and reliable to the best of our knowledge as the date hereof. However, such information is not to be interpreted as representing a warranty or guarantee as to its accuracy and reliability or completeness. No warranty of any kind is given or implied and PREMIER TECH HORTICULTURE LTD will not be liable for any damages, losses, injuries or consequential damages which may result from the uses or reliance on any information contained. The users must do their own research for the pertinence of the information for specific use. For more information: www.pthorticulture.com.
