

PRODUCT NAME PRO-MIX BX BIOFUNGICIDE + MYCORRHIZAE / EPA REG NO. 74267-4	PAGE 1/2
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Section I

Manufacturer's Name Premier Tech Horticulture	Emergency Telephone Number: (418) 862-6356 or 800-667-5366
Address 1, Avenue Premier	Telephone Number for information: (418) 862-6356 or carf@premiertech.com
Rivière-du-Loup (Québec)	Date: June 15, 2012
G5R 6C1 CANADA	Prepared by: Frederic Caron

Section II - Hazardous Ingredients/Identify Information

Hazardous Components (Chemical and common name(s))			
Component:	Nuisance dust		
Exposure limits:	OSHA PEL	ACGIH TLV	
	Respirable mass:	5 mg/m ³	5 mg/m ³
	Total mass:	15 mg/m ³	10 mg/m ³
Ingredient	CAS #	%	
Perlite	93763-70-3	10 - 14	
Vermiculite	1318-00-9	3 - 7	

Comments : Perlite and vermiculite may contain less than 1% Quartz (CAS # 14808-60-7)
 Vermiculite in this product is supplied by Palabora Mining Co., which uses a rigorous testing and audit process for detection of asbestos. This process conforms to regulations governing health, safety and the environment and is ISO certified. Palabora policy on fiber management is based on the internationally accepted protocol for the sampling and identification of asbestos fibers in bulk materials (Ref: HSG248ex_MDHS77 issued by the Health and Safety Executive of the United Kingdom, HSMO) as outlined in document `Palabora Vermiculite The way we work...` by Palabora Mining Co. This document is available upon request.

Section III - Physical/Chemical Characteristics

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 IV - Fire and Explosion Hazard Data

Flash Point (Method Used) Not applicable	Flammable Limits Not applicable	LEL	UEL
Extinguishing Media Water	Unusual Fire and Explosion Hazard: None		

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 V - Reactivity Data

Stability: Stable	Conditions to Avoid: None known
Incompatibility (Materials to Avoid): None known	
Hazardous Decomposition or by Products: None	
Hazardous Polymerization: Will not occur	Conditions to Avoid: None

Section VI - Health Hazard Data				Page 2/2
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Route(s) of Entry:	Inhalation?	Skin?	Ingestion?	Eyes?
	Possible	Open wounds	Not applicable	Possible

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.

Emergency and First Aid Procedures:

If inhaled, provide fresh air. If eye irritation occurs, flush with water. Keep open wounds covered and clean as suggested by any good hygiene program.

Section VII - Precautions for Safe Handling and Use

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

Use methods to clean spill which avoid creating airborne dust.

Waste Disposal Method:

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

Precautions to Be Taken in Handling and Storing:

If excessive dust is created, avoid breathing dust by using adequate ventilation and/or NIOSH or MSHA approved respirator for nuisance dust of this type.

Other Precautions:

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

Section VIII - Control Measures

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 - Supplement 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 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.