

<b>PRODUCT NAME</b> PRO-MIX HP CHUNK COIR MYCORRHIZAE	<b>PAGE</b> 1/2
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**Section I**

<b>Manufacturer's Name</b> Premier Tech Horticulture Ltd	<b>Emergency Telephone Number:</b> (418) 862-6356 or 800-667-5366
<b>Address</b> 1, Avenue Premier Rivière-du-Loup (Québec)	<b>Telephone Number for information:</b> (418) 862-6356 or <a href="mailto:carf@premiertech.com">carf@premiertech.com</a>
G5R 6C1 CANADA	<b>Date:</b> July 15, 2012
	<b>Prepared by:</b> Frederic Caron

**Section II - Hazardous Ingredients/Identify Information**

<b>Hazardous Components (Chemical and common name(s))</b>			
Component:	Nuisance dust		
Exposure limits:	OSHA PEL	ACGIH TLV	
	Respirable mass:	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
	Total mass:	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Ingredient	CAS #	%	
Perlite	93763-70-3	5 - 8	

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

**Section III - Physical/Chemical Characteristics**

<b>Boiling Point</b>	Not applicable	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	1.5
<b>Vapor Pressure (mm Hg)</b>	Not applicable	<b>Melting Point</b>	Not applicable
<b>Vapor Density (AIR = 1)</b>	Not applicable	<b>Evaporation Rate (Butyl Acetate = 1)</b>	Not applicable
<b>Solubility in Water</b>	Not applicable		
<b>Appearance and Odor</b>	From blond to light brown fiber, earthy odor.		

**Section IV - Fire and Explosion Hazard Data**

<b>Flash Point (Method Used)</b> Not applicable	<b>Flammable Limits</b> Not applicable	<b>LEL</b>	<b>UEL</b>
<b>Extinguishing Media</b> Water	<b>Unusual Fire and Explosion Hazard:</b> 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**

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

<b>Section VI - Health Hazard Data</b>				<b>Page</b> 2/2
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<b>Route(s) of Entry:</b>	<b>Inhalation?</b>	<b>Skin?</b>	<b>Ingestion?</b>	<b>Eyes?</b>
	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 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](http://www.pthorticulture.com).