



Premier Tech Home & Garden  
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**PRO-MIX**<sup>®</sup>

P.C.P. Act / CFIA Registration No.: NA

Safety Data Sheet

Product Code: 4980910

**Section I – Product and company identification**

**Product's Name**

Pro-Mix Orchid Mix

**Manufacturer's Name**

Premier Tech Home & Garden Inc.

**Emergency Telephone Number:**

1-800-268-2806, option 1

**Address**

1900 Minnesota Court, Unit 125

**Telephone Number for information:**

1-800-268-2806

Mississauga, ON, L5N 3C9

**Prepared by:**

Technical Department

**Section II – Hazard Identification**

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.

**Section III – Composition, Information and Ingredients**

Ingredients	CAS #	Wt. %	
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**A. Hazardous - Nuisance dust**

Perlite	93763-70-3	15-20	
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Comments : Perlite may contain less than 1% Quartz (CAS # 14808-60-7)

**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**

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

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**Section VI – Accidental Release Measures**

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**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.

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**Section VII – Handling and Storage**

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**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.

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**Section VIII – Exposure Control and Personal Protection**

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**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.

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**Section IX – Physical and Chemical Properties**

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<b>Physical State:</b>	Solid (granular)	<b>pH</b>	ND
<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>	Brown to black in color, earthy odor.		

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**Section X – Stability and Reactivity**

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**Stability:** Stable      **Conditions to Avoid:** None known

**Incompatibility (*Materials to Avoid*):** None known

**Hazardous Decomposition or by Products:** None

**Hazardous Polymerization:** Will not occur

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**Section XI – Toxicological Information**

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**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

**Ingestion:** Health injuries are not known or expected under normal use

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

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**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.

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**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

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**Section XIV – Transport Information**

**TDG Classification:** Not regulated

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

**Water/Air Transport – International:** Not regulated

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**Section XV – Regulatory Information**

**WHMIS:** Not applicable

**Other Regulations:** CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): The components of this product are on the Domestic Substances List, and are acceptable for use under the provisions of CEPA.

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**Section XVI – Other Information**

**Original Issued Date:** September 1, 2018

**Revision Date:**

**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 HOME & GARDEN 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.premiertechhomeandgarden.com](http://www.premiertechhomeandgarden.com).

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