

**SECTION 1 - PRODUCT INFORMATION AND COMPANY IDENTIFICATION**
**PRODUCT NAME : AGTIV™ PULSES • Granular**

<b>Manufacturer's name</b> Premier Tech Biotechnologies 1, avenue Premier Rivière-du-Loup (Québec) G5R 6C1 CANADA	<b>Phone number for information and emergency:</b> 1-866-454-5867 Available from 8:00am to 5:00pm EST, Monday to Friday
	<b>Date :</b> 2016/01/06
	<b>Prepared by:</b> Product development, Premier Tech Biotechnologies

**SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENT	CAS NO	PERCENT (% p/p)	EXPOSURE LIMITS		
			OSHA PEL	ACGIH TLV	RSST (VEMP)
Non-controlled ingredients		98.5			
Kaolin clay	1332-58-7	1.5		3 mg/ m <sup>3</sup> (R) 10 mg/ m <sup>3</sup> (T)	5 mg/ m <sup>3</sup> (R)

The active ingredients of this product are pure cultures of GHA297 (*Glomus intraradices*) and GHA160 (*Rhizobium leguminosarum* biovar *viceae*). There is no known health effect caused by these naturally occurring soil microorganisms.

T: TOTAL MASS R: BREATHABLE MASS

**SECTION 3 – HAZARD IDENTIFICATION**

<b>ROUTE (S) OF ENTRY:</b>	<b>Inhalation</b>	<b>Skin</b>	<b>Eyes</b>	<b>Ingestion</b>
	X	Open wounds	X	X
<b>ACUTE HEALTH HAZARD</b>				
<b>INHALATION</b>	<b>SKIN CONTACT</b>	<b>EYE CONTACT</b>	<b>INGESTION</b>	
Slight irritation	No known hazard	Minor irritation	No known hazard	
<b>CHRONIC HEALTH HAZARD</b>				
<b>SKIN CONTACT :</b>	May cause slight eye or skin irritation with very high concentrations.			
<b>INHALATION :</b>	Inhalation of large amounts of any noxious dust over a long period may overload the lung clearance mechanism, irritate the mucous membrane and make the lungs more vulnerable to respiratory disease.			

**SECTION 4 – FIRST AID MEASURES**

<b>INHALATION :</b>	If inhaled, provide fresh air. Seek medical attention if irritation persists.
<b>SKIN CONTACT :</b>	Keep open wounds covered and clean. If contact, wash with soap and water.
<b>EYE CONTACT :</b>	Rinse the eyes immediately and thoroughly with water for 15 minutes

**SECTION 5 – FIRE FIGHTING MEASURES**

<b>SPECIAL FIRE FIGHTING PROCEDURES :</b>	None	<b>FLASH POINT (METHOD USED) :</b>	Not applicable
<b>EXTINGUISHING MEDIA :</b>	Use media suitable for the surrounding fire	<b>INFERIOR FLAMMABLE LIMITS (LFL) :</b>	Not applicable
<b>UNUSUAL FIRE AND EXPLOSION HAZARD :</b>	None	<b>SUPERIOR FLAMMABLE LIMITS (UFL) :</b>	Not applicable

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

Use a method to clean the spill which will not create airborne dust. Material is non hazardous.

**SECTION 7 – HANDLING AND STORAGE**

<b>HANDLING AND STORING PRECAUTIONS:</b>	If excessive dust is produced, avoid breathing dust by using adequate ventilation and/or a NIOSH or MSHA approved respirator for this type of nocuous dust.
<b>OTHER PRECAUTIONS:</b>	Protective eyewear should be worn where dust levels are high enough to cause irritation.

**SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>RESPIRATORY PROTECTION:</b>	If dust is produced, use NIOSH or MSHA approved respirator for this type of nocuous dust.
<b>VENTILATION:</b>	If excessive dust is created, it is recommended to ventilate the area.
<b>PROTECTIVE GLOVES:</b>	Not necessary but recommended where an open wound is not appropriately protected.
<b>EYE PROTECTION:</b>	Protective eyewear should be worn where dust levels are high enough to cause irritation.
<b>PROTECTIVE CLOTHING OR EQUIPMENT:</b>	Normal work clothing.

**SECTION 9 – PHYSICAL/CHEMICAL PROPERTIES**

<b>PHYSICAL CONDITION :</b>	Solid, granular	<b>VAPOR PRESSURE (MM HG) :</b>	Not applicable
<b>APPEARANCE :</b>	Dark brown	<b>BOILING POINT :</b>	Not applicable
<b>ODOR :</b>	Earthy	<b>VAPOR DENSITY (AIR = 1) :</b>	Not applicable
<b>BULK DENSITY :</b>	0,7 g/cm <sup>3</sup>	<b>MELTING POINT :</b>	Not applicable
<b>SOLUBILITY IN WATER :</b>	Insoluble	<b>EVAPORATION RATE (BUTYL ACETATE= 1) :</b>	Not applicable

**SECTION 10 – STABILITY AND REACTIVITY**

<b>STABILITY :</b>	The product is stable
<b>CONDITION TO AVOID :</b>	None known
<b>INCOMPATIBILITY :</b>	Non reactive
<b>HAZARDOUS DECOMPOSITION PRODUCTS :</b>	None known
<b>HAZARDOUS POLYMERIZATION :</b>	Cannot occur

**SECTION 11 – TOXICOLOGIC INFORMATION**

<b>CARCINOGENIC EFFECTS :</b>	No research data available
<b>MUTAGENIC EFFECTS :</b>	No research data available
<b>TERATOGENIC EFFECTS :</b>	No research data available

**SECTION 12 – ECOLOGICAL INFORMATION**

No data available

**SECTION 13 – DISPOSAL CONSIDERATIONS**

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

**SECTION 14 – TRANSPORTATION INFORMATION**

<b>TDG CLASSIFICATION:</b>	Not regulated
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**SECTION 15 – REGULATORY INFORMATION**

The above information is accurate and reliable to the best of our knowledge, to date. However, this information should not be interpreted as a guarantee of accuracy or be considered complete. No warranty of any kind is given or implied and Premier Tech Biotechnologies will not be considered responsible for any damage, loss, injury or consequential damage which may result from the use or reliance on any information contained. Users must to do their own research as to the pertinence of this information for specific use.

**SECTION 16 – OTHER INFORMATION**

<b>SIGNIFICATION OF ABBREVIATIONS :</b>			
<b>CAS</b>	Chemical Abstracts Service (Registration number)	<b>TLV</b>	Threshold Limit Value
<b>OSHA</b>	Occupational Safety and Health Administration	<b>TDG</b>	Transportation of Dangerous Goods
<b>VEMP</b>	Adjusted Average Exposure Rate	<b>RSST</b>	Provincial Workplace Health and Safety Regulations
<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists	<b>PEL</b>	Permissible Exposure Limit
<b>EST</b>	Eastern Standard Time		