

SECTION 1 - PRODUCT INFORMATION AND COMPANY IDENTIFICATION
PRODUCT NAME : AGTIV™ SPECIALTY CROPS • Powder

Manufacturer's Name Premier Tech Biotechnologies 1, avenue Premier Rivière-du-Loup (Québec) G5R 6C1 CANADA	Phone number for information and emergency: 1-866-454-5867 Available from 8:00am to 5:00pm EST, Monday to Friday
	Date: 2016-01-06
	Prepared by 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)
Kaolin clay	1332-58-7	66		3 mg/ m ³ (R) 10 mg/ m ³ (T)	5 mg/ m ³ (R)
Diatomaceous earth	68855-54-9	18			
Non-controlled ingredients		16			

The active ingredient of this product is pure culture of GHA297 (*Glomus intraradices*). There is no known health effect caused by this naturally occurring soil microorganism.

T: TOTAL MASS R: BREATHABLE MASS

SECTION 3 – HAZARD IDENTIFICATION

ROUTE (S) OF ENTRY:	Inhalation	Skin	Eyes	Ingestion
	X	Open wounds	X	X

ACUTE HEALTH HAZARD

INHALATION	SKIN CONTACT	EYE CONTACT	INGESTION
Irritation	No effect	Irritation	No effect

CHRONIC HEALTH HAZARD

SKIN CONTACT :	May cause mechanical eye or skin irritation in high concentrations
INHALATION :	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

INHALATION :	If inhaled, provide fresh air.
SKIN CONTACT :	Keep open wounds covered and clean. If contact, wash with soap and water.
EYE CONTACT :	Rinse the eyes immediately and thoroughly with water.

SECTION 5 – FIRE FIGHTING MEASURES

SPECIAL FIRE FIGHTING PROCEDURES :	None	FLASH POINT (METHOD USED) :	Not applicable
EXTINGUISHING MEDIA :	Water	INFERIOR FLAMMABLE LIMITS (LFL) :	Not applicable
UNUSUAL FIRE AND EXPLOSION HAZARD :	None	SUPERIOR FLAMMABLE LIMITS (UFL) :	Not applicable

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Use a method to clean the spill which will not create airborne dust.

SECTION 7 – HANDLING AND STORAGE

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

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:	If dust is produced, use NIOSH or MSHA approved respirator for this type of nocuous dust.
VENTILATION:	If excessive dust is created, it is recommended to ventilate the area.
PROTECTIVE GLOVES:	Not necessary but recommended where an open wound is 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.

SECTION 9 – PHYSICAL/CHEMICAL PROPERTIES

PHYSICAL CONDITION :	Solid, powder	VAPOR PRESSURE (MM HG) :	Not applicable
APPEARANCE :	Beige powder	BOILING POINT :	Not applicable
ODOR :	Odorless	VAPOR DENSITY (AIR = 1) :	Not applicable
SPECIFIC GRAVITY (H₂O = 1) :	0,55 g/cm ³	MELTING POINT :	Not applicable
SOLUBILITY IN WATER :	Insoluble	EVAPORATION RATE (BUTYL ACETATE= 1) :	Not applicable

SECTION 10 – STABILITY AND REACTIVITY

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

SECTION 11 – TOXICOLOGIC INFORMATION

EXPOSURE LIMITS:	See section 2
CARCINOGENIC EFFECTS :	No research data available
MUTAGENIC EFFECTS :	No research data available
TERATOGENIC EFFECTS :	No research data available

SECTION 12 – ECOLOGICAL INFORMATION

Generally considered chemically inert in the environment.

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

TDG CLASSIFICATION:	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

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