

## SECTION 1. IDENTIFICATION

**Product Name:** AGTIV REACH® P TURF  
**Registration Number:** Derived from CFIA-Fertilizers Act: # 2023052S  
**Recommended Use:** Mycorrhizal inoculant  
**Restriction on Use:** None known  
**Manufacturer :** Premier Horticulture Ltée, 1 avenue Premier, Rivière-du-Loup, QC, G5R 6C1  
**Emergency Phone Number:** 1-800-606-6926  
Available from 8:00 am to 5:00 pm EST, Monday to Friday

## SECTION 2. HAZARDS IDENTIFICATION

**Classification** according to:

Canada: WHIMS

United States: OSHA 29 CFR 1910.1200 HCS

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1



Danger

**Hazard Statement(s)**

H372: Causes damage to lungs through prolonged or repeated exposure if inhaled.

**Precautionary Statement(s)**

**Prevention**

P260: Avoid breathing dust.

P264: Wash thoroughly exposed part of the body after handling.

P270: Do not eat, drink or smoke when using this product.

P285: In case of inadequate ventilation wear respiratory protection.

**Response**

**IF INHALED:**

P314: Get medical advice/attention if you feel unwell.

**IF IN EYES:**

None known.

**IF ON SKIN:**

None known.

**IF SWALLOWED:**

None known.

**IN CASE OF FIRE:**

None known.

**Storage**

None known.

**Disposal**

P501: Dispose of contents in accordance with local regulations.

**Other Hazards**

Nuisance Dust

This product contains crystalline silica:

Long term exposure to crystalline silica can cause lung injury (silicosis). Risk of injury is dependent on the duration and level of exposure.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	%
Non-controlled ingredients:	Not applicable	15
Calcined Diatomaceous earth:	91053-39-3	85
-Crystalline silica		
-Cristobalite:	14464-46-1	<60
-Quartz:	14808-60-7	<5

Concentrations are expressed in % weight/weight.

**SECTION 4. FIRST-AID MEASURES**
**Inhalation:**

Provide fresh air. Get medical advice/attention if you feel unwell.

**Skin Contact:**

Gently wash with plenty of soap and water. Get medical assistance if complications occur.

**Eye Contact:**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical assistance.

**Ingestion:**

Rinse mouth with water. Get medical assistance if complications occur.

**Most Important Symptoms and Effects:**

None known.

**Immediate Medical Attention and Special Treatment:**

None known.

**SECTION 5. FIRE-FIGHTING MEASURES**
**Extinguishing Media**
**Suitable Extinguishing Media:**

Not combustible, in case of fire in the surrounding, use an appropriate extinguishing media.

**Unsuitable Extinguishing Media:**

None known.

**Specific Hazards Arising from the Product:**

None known.

**Special Protective Equipment and Precautions for Fire-fighters:**

Wear an independent respirator.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**Personal Precautions:**

Wear eye protection/protective gloves/face protection.

**Emergency Procedures:**

None known.

**Environmental Precautions:**

None known.

**Methods and Material for Containment and Cleaning Up:**

Vacuum clean dust with equipment fitted with HEPA filter. Use a dust suppressant such as water if sweeping is necessary. Minimize dust generation and accumulation. Avoid breathing dust.

## SECTION 7. HANDLING AND STORAGE

**Precautions for Safe Handling:**

Wear eye protection and gloves. 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. Seal broken bags immediately. Continue to follow all SDS/label warning when handling empty containers.

**Conditions for Safe Storage:**

Avoid frost, high temperatures and direct sunlight.

**Incompatibilities:**

Hydrofluoric Acid.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**CONTROL PARAMETERS**

Occupational Exposure Limits Values		
NAME	OSHA PEL	ACGIH TLV
	TWA	TWA
Crystalline silica	0.05 mg/m <sup>3</sup>	0.025 mg/m <sup>3</sup>

**Appropriate Engineering Controls:**

Use a sufficient natural or mechanical ventilation to keep dust level below PEL or TLV.

**Individual Protection Measures**
**Eye/Face Protection:**

Wear eye protection.

**Skin Protection:**

Wear gloves.

**Respiratory Protection:**

Use an appropriate mask respirator where airborne dust concentrations are expected to exceed exposure limits.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Powder; beige
Odour	Odorless
Odour Threshold	Not applicable
pH	6-8

Melting Point/Freezing Point	No data available
Boiling Point	Not applicable
Flash Point	Not applicable
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Upper/Lower Explosive Limit	Not applicable
Vapour Pressure	Not applicable
Vapour Density (air=1)	Not applicable
Relative Density (water=1)	No data available
Solubility	Not soluble
Partition Coefficient, n-Octanol/Water (Log Kow)	No data available
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not applicable
Viscosity	Not applicable

## SECTION 10. STABILITY AND REACTIVITY

**Reactivity:**

None known.

**Chemical Stability:**

Stable.

**Possibility of Hazardous Reactions:**

None known.

**Conditions to Avoid:**

Avoid frost, high temperatures and direct sunlight.

**Incompatible Material:**

Hydrofluoric Acid.

**Hazardous Decomposition Products:**

None known.

## SECTION 11. TOXICOLOGICAL INFORMATION

**Likely Routes of Exposure:**

Inhalation (✓) Skin contact ( ) Eye contact ( ) Ingestion ( )

**Acute Toxicity:**

None known.

**Skin Corrosion/Irritation:**

None known.

**Serious Eye Damage/Irritation:**

None known.

**Respiratory and/or Skin Sensitization:**

None known.

**STOT (Specific Target Organ Toxicity)****Single Exposure:**

None known.

**Repeated Exposure:**

Prolonged and repeated exposure to excessive concentration of this product's dust can cause chronic pulmonary disease.

**Carcinogenicity:**

None known.

**Reproductive Toxicity****Development of Offspring:**

None known.

**Sexual Function and Fertility:**

None known.

**Effects on or Via Lactation:**

None known.

**Germ Cell Mutagenicity:**

None known.

**Additional Information:**

None known.

**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity:**

None known.

**Persistence and Degradability:**

None known.

**Bioaccumulation Potential:**

None known.

**Mobility in Soil:**

None known.

**Other Adverse Effects:**

None known.

**SECTION 13. DISPOSAL CONSIDERATIONS**

The waste of this product is not defined as hazardous. Dispose of all waste in accordance with the regulations of the environmental authority having jurisdiction.

**SECTION 14. TRANSPORT INFORMATION**

Not regulated under Canadian Transportation of Dangerous Goods (TDG) regulations.

Not regulated under US Department of Transportation (DOT) Regulations.

Not regulated under European Land transport (ADR/RID) Regulations.

Not regulated under European Inland waterway transport (AND) Regulations.

Not regulated under International Maritime Dangerous Goods (IMDG) Regulations.

Not regulated under International Air Dangerous Goods (ICAO-TI / IATA-DGR) Regulations.

## SECTION 15. REGULATORY INFORMATION

This product has been classified and the SDS has been developed according to the Hazardous Products Regulation.

### Canada

#### Canadian Environmental Protection Act (CEPA)

All constituents of these products are on the Domestic Substance List (DSL).

### United States

#### EPCRA - SARA Title III Classification

Section 302 Extremely Hazardous Substances: Not applicable

Section 311/312 Hazard Classes: Not applicable

Section 313 Toxic Chemicals: Not applicable

#### CERCLA Regulatory

Not applicable

#### RCRA Hazardous Waste Classification (40 CFR 261)

Not applicable

#### Toxic Substances Control Act (TSCA)

All ingredients are either listed on the TSCA Inventory or are exempt from listing

#### California Proposition 65 Components

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

## SECTION 16. OTHER INFORMATION

### Additional Information :

The information above is accurate to the best of our knowledge as at the date of preparation of the SDS. However, such information is not to be interpreted as representing a warranty or guarantee as to its accuracy or completeness. No warranty of any kind is given or implied under the terms hereof, and Premier Horticulture Ltée will not be liable for any damages, losses, injuries or consequential damages which may result, directly and/or indirectly, from the uses or reliance on any information contained. The users must do their own research as for the pertinence of the information for specific use. For more information: [www.premiertech.com/global](http://www.premiertech.com/global)

**SDS Prepared By:** Premier Horticulture Ltée

**Date of Preparation:** 2025/07

**Date of last revision:** 2025/10

<b>Glossary of abbreviations</b>
<b>ACGIH:</b> American Conference of Governmental Industrial Hygienists
<b>CAS:</b> Chemical Abstracts Service (Registration number)
<b>CFIA:</b> Canadian Food Inspection Agency
<b>CLP:</b> Classification, Labelling, Packaging
<b>EST:</b> Eastern Standard Time
<b>NIOSH:</b> National institute for Occupational Safety and Health
<b>OSHA:</b> Occupational Safety and Health Administration
<b>PEL:</b> Permissible Exposure Limit
<b>TLV:</b> Threshold Limit Value
<b>TWA:</b> Time-Weighted Average
<b>WHMIS:</b> Workplace Harzardous Materials Information System