SECTION 1. IDENTIFICATION

Product Identifier	**Ph UP**
Other Means of Identification	None
Recommended Use	Ph increaser and Protectant
Restrictions on Use	None Known
Supplier Identifier	Okanagan Plant Products/ Diablo Distributing 45 Kirschner Rd., Kelowna, BC V1Y 4N7 Phone:
Emergency Phone Number	BC Drug & Poison Information **1-800-567-8911**

SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012).

Classification	Skin Corr. 1, Eye Dam. 1, STOT SE 3
Label Elements	
Signal Word	Danger
Hazard Statements	Causes skin and severe eye irritation. May cause respiratory irritation.
Precautionary Statements	
Prevention	Keep out of reach of children and animals. Wear protective gloves, clothing, eye and respiratory protection. Use only outdoors or in well ventilated area. Do not eat, drink, or smoke when using this product. Wash thoroughly after handling. Avoid release to water sources. Do not enter treated areas within four hours of foliar application.
Response	**Immediately contact a health care provider if exposed, concerned or feeling unwell.** If in eyes, rinse with adequate water for at least 15 minutes. If in contact with skin, remove contaminated clothing and wash immediately with soap and water. If inhaled move person to fresh air. If swallowed rinse mouth and drink plenty of water.
Storage	Store locked up, tightly closed, in a dry, well-ventilated area.
Disposal	Dispose of contents and container in accordance with local, regional, and national regulations.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient		
Silicic acid, potassium salt		

SECTION 4. FIRST AID MEASURES

Immediately contact a health care provider if exposed, concerned, or feeling unwell.

Following Inhalation	Move to fresh air.
Following Skin Contact	Remove contaminated clothing. Wash thoroughly with soap and water.
Following Eye Contact	Rinse immediately with adequate water for at least 15 minutes.
Following Ingestion	Rinse mouth with water and drink plenty of water.

Most Important Symptoms and Effects, Acute and Delayed
Causes severe skin burns and eye damage. May cause respiratory irritation.

Immediate Medical Attention and Special Treatment
None known

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing Media
Compatible with all extinguishing material.

Specific Hazards Arising from the Product
None known.

Special Protective Equipment andPrecautions for Fire Fighters
Wear self-contained breathing apparatus and protective suit.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures
Do not enter spill area within four hours of release. Use standard safe work procedures, including the use of protective clothing, gloves, eye and respiratory protection. Avoid inhalation, ingestion and contact with skin and eyes.

Environmental Precautions
Do not let product enter drains or natural water sources.

Methods and Material for Containment and Clean Up
Wait four hours after release before entering area. Wear protective clothing, gloves, eye and respiratory protection. Absorb spill and dispose of material in accordance with local, regional and national regulations.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling
Use standard safe work procedures, including the use of protective clothing, gloves, eye and respiratory protection. Avoid inhalation, ingestion and contact with eyes or skin. Do not enter treated area within four hours of foliar application.

Conditions for Safe Storage
Store locked up, in tightly closed container in a dry and well-ventilated area.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits
None known.

Appropriate Engineering Controls
Ensure adequate ventilation. Safety shower and eyewash station should be within easy access.

Individual Protection Measures

Eye/Face Protection	Safety glasses recommended.
Skin Protection	Protective clothing and gloves recommended.
Respiratory Protection	Respiratory protection recommended.
Work Practices	Use standard safe work procedures.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear to White Liquid
Odour	None
Odour Threshold	Not available
pH	12-13
Melting/Freezing Point	Liquid estimated at $0^{o}C$ / $-32^{o}F$
Initial Boil Point/Range	Liquid estimated at $100^{o}C$ / $212^{o}F$
Flash Point	Not applicable
Evaporation Rate	Not available
Flammability (Solid, Gas)	Non-flammable
Upper/Lower Flammability or Exposure Limits	Not applicable
Vapour Pressure	Not available
Vapour Density (air=1)	Not available
Relative Density (water=1)	Not applicable
Solubility	100%
Partition Coefficient, n-octanol/ Water (Log/Kow)	Not applicable
Auto-Ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity
This product is stable and non-reactive under normal conditions of storage, use and transport.

Chemical Stability
This product is stable and non-reactive under normal conditions of storage, use and transport.

Possibility of Hazardous Reactions
None known.

Conditions to Avoid
None known.

Incompatible Materials
Acids, reactive metals, ammonium salts, tin, lead, zinc.

Hazardous Decomposition Products
Hydrogen.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation	May cause irritation.
Skin Contact	Causes severe skin burns.
Eye Contact	Causes eye damage.
Ingestion	May cause irritation.

SECTION 12. ECOLOGICAL INFORMATION

Eco Toxicity	Avoid release to water sources.
Persistence and Degradability	Not available.
Bio-accumulative Potential	Not available.
Mobility in Soil	Not available.
Other Adverse Effects	None known.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods
Rinse packaging and dispose of packaging and product in accordance with local, state, and federal regulations.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT regulations.

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada
Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)
All ingredients are either listed on the DSL/NDSL or exempt.

USA
Toxic Substances Control Act (TSCA)
Ingredients are either listed on the TSCA Inventory or exempt.

SECTION 16. OTHER INFORMATION

Date of Preparation	May 2017