


**SECTION 1. IDENTIFICATION**

<b>Product Identifier</b>	<b>Diablo Potassium Silicate</b>
<b>Other Means of Identification</b>	None
<b>Recommended Use</b>	Plant Growth and Protectant
<b>Restrictions on Use</b>	None Known
<b>Supplier Identifier</b>	Okanagan Plant Products/ Diablo Distributing 45 Kirschner Rd., Kelowna, BC V1Y 4N7
<b>Emergency Phone Number</b>	BC Drug & Poison Information <b>1-800-567-8911</b>

**SECTION 2. HAZARD IDENTIFICATION**

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

<b>Classification</b>	Skin Irrit. 2, Eye Irrit. 2A
<b>Label Elements</b>	
<b>Signal Word</b>	Warning
<b>Hazard Statements</b>	Causes skin irritation Causes serious eye irritation
<b>Precautionary Statements</b>	
<b>Prevention</b>	Keep out of reach of children and animals. Wear protective gloves, clothing, and eye protection. Do not enter treated areas within four hours of foliar application.
<b>Response</b>	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.
<b>Storage</b>	Store locked up, tightly closed, in a dry, well-ventilated area.
<b>Disposal</b>	Dispose of contents and container in accordance with local, regional, and national regulations.

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

<b>Ingredient</b>	<b>CAS Number</b>	<b>Proportion in Product</b>
Silicic acid, potassium salt	1312-76-1	40%

**SECTION 4. FIRST AID MEASURES**

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

<b>Following Inhalation</b>	Move to fresh air.
<b>Following Skin Contact</b>	Remove contaminated clothing. Wash thoroughly with soap and water.
<b>Following Eye Contact</b>	Rinse immediately with adequate water for at least 15 minutes.
<b>Following Ingestion</b>	Rinse mouth with water and drink plenty of water. Do not induce vomiting.

**Most Important Symptoms and Effects, Acute and Delayed**

Causes skin and serious eye 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 and Precautions 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**

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

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Clear to White Liquid
<b>Odour</b>	None
<b>Odour Threshold</b>	Not available
<b>pH</b>	11.5
<b>Melting/Freezing Point</b>	Estimated at 0°C / -32°F
<b>Initial Boil Point/Range</b>	Estimated at 100°C / 212°F
<b>Flash Point</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Flammability (Solid, Gas)</b>	Not available
<b>Upper/Lower Flammability or Exposure Limits</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air=1)</b>	Not available
<b>Relative Density (water=1)</b>	Not available
<b>Solubility</b>	Soluble
<b>Partition Coefficient, n-octanol/Water (Log/Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available

**SECTION 10. STABILITY AND REACTIVITY****Reactivity & Chemical Stability**

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

**Possibility of Hazardous Reactions & Hazardous Decomposition Products**

None known.

**Conditions to Avoid**

None known.

**Incompatible Materials**

Reacts with acids – heat released.

**SECTION 11. TOXICOLOGICAL INFORMATION****Likely Routes of Exposure**

<b>Inhalation</b>	May cause irritation.
<b>Skin Contact</b>	Causes skin irritation.
<b>Eye Contact</b>	Causes serious eye irritation.
<b>Ingestion</b>	May cause irritation.

**SECTION 12. ECOLOGICAL INFORMATION**

<b>Eco Toxicity</b>	Avoid release to water sources.
<b>Persistence and Degradability</b>	Not available.
<b>Bio-accumulative Potential</b>	Not available.
<b>Mobility in Soil</b>	Not available.
<b>Other Adverse Effects</b>	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 Last Revision** September 2020