**SECTION 1. IDENTIFICATION**

**Product Identifier** **Monster Guardian**

**Other Means of Identification** None

**Recommended Use** Plant Protectant / Biostimulant

**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** None

**Label Elements** None

**Signal Word** Caution

**Hazard Statements** This product contains shellfish. Adverse reactions may occur in sensitive persons.

May cause skin and eye irritation.

**Precautionary Statements**

**Prevention** Keep out of reach of children and animals.

Wear dust mask, protective eyewear and gloves.

**Response** If skin contact occurs, wash with soap and water.

If allergic reaction occurs, seek medical attention.

If in eyes rinse with water for several minutes. Remove contact lenses if present and continue rinsing.

**Storage** Store in tightly closed container, in a dry, well ventilated area.

**Disposal** Dispose of contents and container in accordance with local, regional, and national regulations.

**Other Hazards** None known

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

|  |  |  |
| --- | --- | --- |
| **Ingredient** | **CAS Number** | **Proportion in Product** |
| Chitosan | 9012-76-4 | 1.0 % |

**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** Wash thoroughly with soap and water.

**Following Eye Contact** Rinse with water for several minutes. Remove contact lenses if present and continue rinsing.

**Following Ingestion** Rinse mouth with water. Drink plenty of water afterward.

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

This product contains shellfish. Adverse reactions may occur in sensitive persons. May cause skin and eye irritation.

**Immediate Medical Attention and Special Treatment**

None known

**SECTION 5. FIRE FIGHTING MEASURES**

**Extinguishing Media**

Non-flammable. Use appropriate media for surrounding fire.

**Specific Hazards Arising from the Product**

None known.

**Special Protective Equipment and Precautions for Fire Fighters**

None known.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment, and Emergency Procedures**

Only use in well ventilated area. Use standard safe work procedures, including the use of protective clothing, gloves, eye and respiratory protection. Avoid contact with skin and eyes.

**Environmental Precautions**

Avoid release into streams, ponds, lakes or other water sources.

**Methods and Material for Containment and Clean Up**

Wear protective clothing, gloves, eye and respiratory protection. Absorb spillage to prevent material damage and collect in ventilated waste container. Flush away traces with water. Clean contaminated clothing before reuse.

**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 skin and eyes. Remove and wash contaminated clothing before re-use.

**Conditions for Safe Storage**

Store in tightly closed container in dry, cool, well ventilated area. Keep away from heat and sources of ignition.

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

**Occupation Exposure Limits**

None known

**Appropriate Engineering Controls**

Ensure adequate ventilation.

**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** Light yellow liquid

**Odour** Minimal

**Odour Threshold** Not applicable

**pH** 2.5 – 4.5

**Melting/Freezing Point** Freezing point estimated at 0°C / 32°F

**Initial Boil Point/Range** Boiling point estimated at 100°C / 212°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 available

**Solubility** Soluble

**Partition Coefficient, n-octanol/**

**Water (Log/Kow)** Not available

**Auto-Ignition Temperature** Not available

**Decomposition Temperature** Not available

**Viscosity** 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**

None expected under normal conditions of storage, use and transport.

**Conditions to Avoid**

Avoid exposure to heat.

**Incompatible Materials**

Incompatible with strong oxidants and strong bases.

**Hazardous Decomposition Products**

Under normal conditions, hazardous decomposition products should not be produced.

**SECTION 11. TOXICOLOGICAL INFORMATION**

**This product contains shellfish. Adverse reactions may occur in sensitive persons. If exposed, concerned or feeling unwell, contact a health care provider.**

**Likely Routes of Exposure**

**Inhalation** May cause irritation.

**Skin Contact** May cause irritation.

**Eye Contact** May cause irritation.

**Ingestion** May cause irritation.

**SECTION 12. ECOLOGICAL INFORMATION**

**Eco Toxicity** Avoid release to water sources.

**Persistence and Degradability** Not available.

**Bioaccumalative Potential** Not available.

**Mobility in Soil** Not available.

**Other Adverse Effects** Not available.

**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 either listed on the TSCA Inventory or exempt.

**SECTION 16. OTHER INFORMATION**

**Date of Last Revision** January 2021