


SECTION 1. IDENTIFICATION

Product Identifier	EZ-Gro Armour 0-0-15, EZ-Gro Armour-P 0-0-30
Other Means of Identification	None
Recommended Use	Plant Growth Regulator and Protectant
Restrictions on Use	None Known
Supplier Identifier	EZ-Gro, 605 Justus Drive, Kingston, Ontario, Canada K7M 4H5 Phone: 613-384-8882, Fax: 613-384-0662, info@ez-gro.com
Emergency Phone Number	Ontario Poison Centre 1-800-268-9017

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	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	CAS Number	Proportion in Product
Silicic acid, potassium salt	1312-76-1	50-100 %

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 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**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	White Powder, Clear to White Liquid
Odour	None
Odour Threshold	Not available
pH	12-13
Melting/Freezing Point	Liquid estimated at 0°C / -32°F
Initial Boil Point/Range	Liquid 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 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