SECTION 1. IDENTIFICATION

Product Identifier	**EZ-Gro Organic Acetic Acid**
Other Means of Identification	None
Recommended Use	Chelating Agent
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 Corrosion 1A, Flammable Liquid 3

Label Elements

Signal Word Danger

Hazard Statements
Causes severe skin burns and eye damage
Flammable liquid and vapour

Precautionary Statements

Prevention
Keep out of reach of children and animals.
Wear protective equipment including clothing, gloves, eye and respiratory protection.
Avoid breathing fumes or spray. Use only outdoors or in a well-ventilated area.
Do not eat, drink or smoke when using this product.
Wash thoroughly after handling.
Keep away from heat, sparks, open flames and hot surfaces.

Response
If exposed, concerned or feeling unwell contact a health care provider.
If on skin, immediately take off contaminated clothing. Wash thoroughly with soap and water.
If in eyes rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue Rinsing.
If inhaled, move person to fresh air and keep comfortable for breathing.
If swallowed drink copious amounts of water and provide fresh air. Immediately contact a health care provider.

Storage Store locked up in original container, in a well-ventilated area. Keep container tightly closed.

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 Final Product
Acetic Acid	525-79-1	99%

SECTION 4. FIRST AID MEASURES

If exposed, concerned or feeling unwell immediately contact a health care provider.

Following Inhalation Remove to fresh air and keep comfortable for breathing.

Following Skin Contact Immediately remove contaminated clothing. Wash thoroughly with soap and water.

Following Eye Contact Rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Following Ingestion Drink copious amounts of water and provide fresh air. Immediately contact a health care provider.

Most Important Symptoms and Effects, Acute and Delayed
Causes severe skin burns and eye damage.

Immediate Medical Attention and Special Treatment
None known

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing Media
CO2, extinguishing powder or spray. Fight larger fires with water spray or alcohol resistant foam.

Specific Hazards Arising from the Product
During heating or in case of fire poisonous gases are produced.

Special Protective Equipment and Precautions for Fire Fighters
Use mouth respiratory protective device. Cool endangered receptacles with water spray. Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures
Use standard safe work procedures, including the use of protective clothing, gloves, eye and respiratory protection. Wash thoroughly. If clothing is contaminated, wash before reuse. Do not smoke, eat or drink. Avoid breathing fumes or spray.

Environmental Precautions
Dilute with plenty of water. Do not allow rinse water to contaminate sewers, streams, ponds and lakes.

Methods and Material for Containment and Clean Up
Ensure adequate ventilation. Absorb with liquid-binding material. Use neutralizing agent.

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. Wash thoroughly after use. If clothing is contaminated, wash before reuse. Avoid breathing fumes or spray. Use only in well ventilated areas.

Conditions for Safe Storage

Keep out of reach of children. Store locked up in a well ventilated place. Keep container closed when not in use. Keep ignition sources away. Protect against electrostatic charges.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupation Exposure Limits

PEL	Long Term Value: 25 mg/m^3, 10 ppm
REL	Short Term Value: 37 mg/m^3, 15 ppm Long Term Value: 25 mg/m^3, 10 ppm
TLV	Short Term Value: 37 mg/m^3, 15 ppm Long Term Value: 25 mg/m^3, 10 ppm

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	Clear to yellowish liquid
Odour	Vinegar like
Odour Threshold	Not available
pH	2.5
Melting/Freezing Point	Melting point 16.6°C (61.9°C), Freezing point estimated at 0°C, 32°F
Initial Boil Point/Range	118°C (244.4°F)
Flash Point	40°C (104°F)
Evaporation Rate	Not available
Flammability (Solid, Gas)	Not applicable
Upper/Lower Flammability or Exposure Limits	Explosion Limits – Lower 4 Vol %, Upper 17 Vol %
Vapour Pressure	16 hPa (12 mm Hg) at 20°C (68°F)
Vapour Density (air=1)	Not available
Relative Density (water=1)	Not available
Solubility	100%
Partition Coefficient, n-octanol/ Water (Log/Kow)	Not available
Auto-Ignition Temperature	485°C (905°F)
Decomposition Temperature	Not available
Viscosity	1.24 mPas at 20°C (68°F)

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
None known

Hazardous Decomposition Products
Under normal conditions hazardous decomposition products should not be produced.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation	May cause respiratory irritation.
Skin Contact	Causes severe skin burns.
Eye Contact	Causes severe eye damage.
Ingestion	Strong caustic effect on mouth, throat, esophagus and stomach.

SECTION 12. ECOLOGICAL INFORMATION

Eco Toxicity	Avoid release to sewers and other water sources.
Persistence and Degradability	Not available.
Bioaccumulative 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

UN Number

(DOT, ADR, IMDG, IATA	UN2789

UN Shipping Name

DOT, IMDG, IATA	Acetic Acid, glacial
ADR	2789 Acetic Acid, glacial (2789 ESSIGSAURE (EISESSIG))

Transport Hazard Classes

DOT

Class	8 Corrosive substances
Label	8, 3

ADR

Class	8 (CF1) Corrosive substances
Label	8+3

IMDG

Class	8 Corrosive substances
Label	8/3

IATA

Class	8 Corrosive substances
Label	8 (3)

Packing Group	
DOT, ADR, IMDG, IATA	II
Marine Pollutant	No
Special Precautions for User	Warning: Corrosive substances
Danger Code (Kemler)	83
EMS Number	F-E, S-C
Segregation Groups	Acids
Stowage Category	A

Transport/Additional Information

DOT

Quantity Limitations	On passenger aircraft/rail: 1 litre, On cargo aircraft only: 30 litres

ADR

Excepted Quantities (EQ)	Code: E2, Maximum net quantity per inner packaging: 30 ml. Maximum net quantity per outer packaging: 500 ml

IMDG

Limited Quantities (LQ)	1 litre
Excepted Quantities (EQ)	Code: E2, Maximum net quantity per inner packaging: 30 ml. Maximum net quantity per outer packaging: 500 ml

UN "Model Regulation"	UN 2789 Acetic Acid, Glacial, 8 (3), II

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

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

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

SECTION 16. OTHER INFORMATION

Date of Preparation January 2019