

SECTION 1. IDENTIFICATION

Product Identifier	EZ-Gro Iron (Fe) 10% 9-0-0
Other Means of Identification	None
Recommended Use	Fertilizer and Blending Applications
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 Acute Toxicity 4, Skin Irritation 2, Eye Irritation 2



Label Elements

Signal Word Warning

Hazard Statements Harmful if swallowed
Causes skin irritation
Causes serious eye irritation
Product contains soy. Adverse reactions may occur in sensitive persons. Wear dust mask and protective gloves.

Precautionary Statements
Prevention Keep out of reach of children and animals.
Wear protective clothing, gloves, a NIOSH/OSHA approved respirator, and eye protection during product mixing and handling. Do not eat, drink or smoke while using this product.
Wash thoroughly after handling.

Response If swallowed rinse mouth. Immediately contact a health care provider.
If in eyes, rinse thoroughly. Remove contact lenses if present and continue rinsing
If on skin, remove contaminated clothing and wash with soap and water. If allergic reaction occurs, seek medical attention. Wash clothing before reuse.
Contact a health care provider if irritation persists.

Storage Store locked up in original container.

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
Iron Sulphate	7720-78-7	10%

SECTION 4. FIRST AID MEASURES

Following Inhalation	Remove to fresh air. Rinse mouth and nose with fresh water.
Following Skin Contact	Remove contaminated clothing and wash with soap and water. If allergic reaction occurs, seek medical attention.
Following Eye Contact	Rinse thoroughly. Remove contact lenses if present and continue rinsing. Consult a physician.
Following Ingestion	Call a physician immediately. Do NOT induce vomiting. Rinse mouth with water. Drink 1 or 2 glasses of water or milk

Most Important Symptoms and Effects, Acute and Delayed

Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. Product contains soy. Adverse reactions may occur in sensitive persons.

Immediate Medical Attention and Special Treatment

None known

SECTION 5. FIRE FIGHTING MEASURES**Extinguishing Media**

This product is non-flammable.

Specific Hazards Arising from the Product

Sulphur oxides (SO_x) may be released when heating above the decomposition temperature.

Special Protective Equipment and Precautions for Fire Fighters

None known

SECTION 6. ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment, and Emergency Procedures**

Use standard safe work procedures, including the use of protective clothing, gloves, a NIOSH/OSHA approved respirator, and eye protection during product mixing and handling. Avoid dust formation. Do not eat, drink or smoke. Wash thoroughly after use. If clothing is contaminated, wash before reuse.

Environmental Precautions

Do not allow to contaminate streams, ponds, lakes or other water sources.

Methods and Material for Containment and Clean Up

Wear protective clothing, gloves a NIOSH/OSHA approved respirator, and eye protection. Avoid breathing dust. Vacuum, shovel or sweep up and place in containers for disposal in accordance with applicable local regulations. Wash thoroughly afterwards. If clothing is contaminated, wash before reuse.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Use standard safe work procedures, including the use of protective clothing, gloves, a NIOSH/OSHA approved respirator, and eye protection during product mixing and handling. Use only outdoors or in a well-ventilated area. Avoid breathing dust. Do not eat, drink or smoke while handling product. Wash thoroughly after use. If clothing is contaminated, wash before reuse.

Conditions for Safe Storage

Keep out of reach of children. Store locked up in original container. Keep container closed when not in use.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Workers		
Exposure	Long Term Threshold (DNEL)	Acute/Short Term Threshold (DNEL)
Inhalation	Insufficient data available	Low hazard – no threshold derived
Dermal	2.8 mg/kg/bw/day	No hazard identified
Oral	Not identified	Not identified
Eye	Medium hazard – no threshold derived	Medium hazard – no threshold derived

General Population		
Exposure	Long Term Threshold (DNEL)	Acute/Short Term Threshold DNEL
Inhalation	Insufficient data available	Low hazard – no threshold derived
Dermal	1.4 mg/kg/bw/day	No hazard identified
Oral	0.28 mg/kg/bw/day	20 mg/kg/bw/day
Eye	Medium hazard – no threshold derived	Medium hazard – no threshold derived

Appropriate Engineering Controls

Ensure adequate ventilation.

Individual Protection Measures

Eye/Face Protection

Safety glasses or face mask recommended.

Skin Protection

Protective clothing and gloves recommended.

Respiratory Protection

NIOSH/OSHA approved respiratory protection recommended.

Work Practices

Use standard safe work procedures.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Beige Powder
Odour	Minimal
Odour Threshold	Not available
pH	2.5 – 4.5 at 0.2% Solution
Melting/Freezing Point	Not applicable
Initial Boil Point/Range	Not applicable
Flash Point	Not applicable
Evaporation Rate	Not applicable
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 applicable
Decomposition Temperature	Not available
Viscosity	Not Available

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Keep pH of water below 7. Do not mix with alkaline material.

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

pH of water above 7. Mixing with alkaline materials.

Incompatible Materials

Alkaline material.

Hazardous Decomposition Products

Under normal conditions hazardous decomposition products should not be produced.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation	May cause irritation.
Skin Contact	Causes skin irritation.
Eye Contact	Causes serious eye irritation.
Ingestion	Harmful if swallowed.

SECTION 12. ECOLOGICAL INFORMATION

Eco Toxicity	Avoid release to water sources.
Persistence and Degradability	Not available.
Bioaccumulative Potential	Not available.
Mobility in Soil	This product is water soluble and may disperse in soil.
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 listed on the DSL/NDSL or exempt.

USA**Toxic Substances Control Act (TSCA)**

Ingredients are listed on the TSCA Inventory or exempt.

SECTION 16. OTHER INFORMATION

Date of Last Revision

September 2020