

SECTION 1. IDENTIFICATION

Product Identifier	EZ-Gro Iron (Fe) 10% 10-0-0
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	None
Signal Word	Warning
Hazard Statements	Harmful if swallowed Causes skin irritation Causes serious eye damage
Precautionary Statements Prevention	Keep out of reach of children and animals. Wear protective equipment including clothing, gloves, and eye protection. Wear a NIOSH/OSHA approved respirator during product mixing and loading. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.
Response	If exposed or concerned contact a health care provider. If swallowed rinse mouth. If on skin, wash with plenty of water. Take off contaminated clothing and wash before reuse. If in eyes rinse cautiously with water for several minutes. Remove contact lenses if present and continue Rinsing.
Storage	Store locked up in original container, in a cool, dry area, out of direct sunlight.
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	Other Names	CAS Number	Proportion in Final Product
Iron Sulphate	Iron	7720-78-7	10%

SECTION 4. FIRST AID MEASURES

Following Inhalation	Remove to fresh air.
Following Skin Contact	Wash thoroughly with water.
Following Eye Contact	Rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
Following Ingestion	Rinse mouth with water.

Most Important Symptoms and Effects, Acute and Delayed

Harmful if swallowed. Causes skin irritation. Causes serious eye irritation.

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

None known

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, and eye and face protection. Wear a NIOSH/OSHA approved respirator during product mixing and loading. Avoid breathing dust, fumes, or spray. 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 and eye and face protection. Wear a NIOSH/OSHA approved respirator during product mixing and loading. Avoid breathing dust, fumes, or spray. Absorb spillage to prevent material damage.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Use standard safe work procedures, including the use of protective clothing, gloves, and eye and face protection. Use only outdoors or in a well-ventilated area. Wear a NIOSH/OSHA approved respirator during product mixing and loading. Avoid breathing dust, fumes, or spray. 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, in a cool, dry place, out of direct sunlight. 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		Low – no threshold derived
Dermal	2.8 mg/kg/bw/day	
Oral		
Eye	Medium – no threshold derived	Medium – no threshold derived

General Population		
Exposure	Long Term Threshold (DNEL)	Acute/Short Term Threshold DNEL
Inhalation		Low – no threshold derived
Dermal	1.4 mg/kg/bw/day	
Oral	280 ug/kg/bw/day	20 mg/kg/bw/day
Eye	Medium – no threshold derived	Medium – 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

Wear a NIOSH/OSHA approved respirator during product mixing and loading..

Work Practices

Use standard safe work procedures.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Brown Powder
Odour	Minimal
Odour Threshold	Not available
pH	2.78 at 5% 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	100%
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 respiratory irritation.
Skin Contact	Causes skin irritation.
Eye Contact	Causes serious eye irritation.
Ingestion	Harmful if swallowed.

SECTION 12. ECOLOGICAL INFORMATION

Eco Toxicity	None known.
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.

