

SECTION 1. IDENTIFICATION

Product Identifier	EZ-Gro 20% IBA
Other Means of Identification	None
Recommended Use	Plant Growth Regulator
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 Tox.3, Skin Irrit.2, Eye Irrit.2, STOT SE.3



Label Elements

Signal Word Danger

Hazard Statements

- Toxic if swallowed
- Causes skin irritation
- Causes serious eye irritation
- May cause respiratory irritation
- Possible risk of impaired fertility
- Possible risk of harm to unborn children

Precautionary Statements

Prevention

- Keep out of reach of children and animals.
- Wear protective clothing, gloves, eye and respiratory protection.
- Avoid breathing dust or fumes, use only in a well-ventilated area.
- Do not eat, drink or smoke when handling this product.
- Wash thoroughly after handling.
- Remove contaminated clothing immediately and wash before re-use.
- Do not allow entry into foliar treated areas within 12 hours of application unless wearing the appropriate PPE.

Response

- If swallowed rinse mouth and immediately contact a health care provider. Do not induce vomiting unless instructed to by the provider.
- If in eyes rinse with water for several minutes. Remove contact lenses if present and continue rinsing.
- If on skin, remove contaminated clothing and wash thoroughly with soap and water.
- If inhaled move person to fresh air.

Storage	Store locked up in a cool, dry location.
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
Indole-3-Butyric Acid	IBA	133-32-4	20%

SECTION 4. FIRST AID MEASURES

Following Inhalation	Remove to fresh air and keep comfortable for breathing.
Following Skin Contact	Remove contaminated clothing and 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	Rinse mouth and immediately contact a health care provider. Do not induce vomiting unless instructed to by the provider.

Most Important Symptoms and Effects, Acute and Delayed

Toxic if swallowed. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

Immediate Medical Attention and Special Treatment

None known

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

Suitable extinguishing media: Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. Alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective.

Unsuitable extinguishing media: Do not use direct water stream. May spread fire.

Specific Hazards Arising from the Product

Hazardous combustion products: During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide.

Unusual Fire and Explosion Hazards: Container may rupture from gas generation in a fire situation. Violent steam generation or eruption may occur upon application of direct water stream to hot liquids.

Special Protective Equipment and Precautions for Fire Fighters

Fire Fighting Procedures: Keep people away. Isolate fire and deny unnecessary entry. Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of reignition has passed. Fight fire from protected location or safe distance. Consider the use of unmanned hose holders or monitor nozzles.

Immediately withdraw all personnel from the area in case of rising sound from venting safety device or discoloration of the container. Do not use direct water stream. May spread fire. Move container from fire area if this is possible without hazard. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage.

Special protective equipment for firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

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 respiratory protection. Do not allow entry into foliar treated areas within 12 hours of application unless wearing the appropriate PPE. Do not eat, drink or smoke when handling this product. Avoid breathing dust or fumes, use only in a well-ventilated location. Wash thoroughly after use. Remove contaminated clothing immediately and wash before re-use.

Environmental Precautions

Do not allow to contaminate streams, ponds, lakes or other water sources. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff is likely to occur. Do not contaminate water when cleaning equipment or disposing of equipment wash waters or rinsate.

Methods and Material for Containment and Clean Up

Use standard safe work procedures, including the use of protective clothing, gloves, and eye and respiratory protection. Do not allow entry within 12 hours of spill unless wearing the appropriate PPE. Do not eat, drink or smoke when handling this product. Avoid breathing dust or fumes. Vacuum or sweep up spilled material and dispose of contents and container in accordance with local, regional and national regulations. Wash clothing before re-use.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Use standard safe work procedures, including the use of protective clothing, gloves, and eye and respiratory protection. Do not allow entry into foliar treated areas within 12 hours of application unless wearing the appropriate PPE. Do not eat, drink or smoke when handling this product. Avoid breathing dust or fumes, use only in a well-ventilated location. Wash thoroughly after use. Remove contaminated clothing immediately and wash before re-use.

Conditions for Safe Storage

Keep out of reach of children and animals. Store locked up in a cool, dry location.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupation Exposure Limits

Component	Regulation	Type of listing	Value
Polyethylene glycol	US WEEL	TWA aerosol	10 mg/m ³

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 Off-White Liquid
Odour	Minimal
Odour Threshold	Not available
pH	4.5 - 7.5 ASTM E70 (5% aqueous solution)
Melting/Freezing Point	4 - 8 °C (39 - 46 °F) ASTM D1177
Initial Boil Point/Range	> 200 °C (> 392 °F) Calculated. Decomposes
Flash Point	closed cup 227 °C (441 °F) ASTM D 93
Evaporation Rate	Not available
Flammability (Solid, Gas)	Not available
Upper/Lower Flammability or Exposure Limits	Not available
Vapour Pressure	<< 0.01 mmHg at 20 °C (68 °F) ASTM E1719
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 known.

Conditions to Avoid

Exposure to elevated temperatures can cause product to decompose. Generation of gas during decomposition can cause pressure in closed systems.

Incompatible Materials

Strong acids. Strong bases. Strong oxidizers.

Hazardous Decomposition Products

During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide.

Decomposition products can include and are not limited to: Aldehydes. Alcohols. Ethers. Carbon dioxide. Carboxylic acids. Polymer fragments.

SECTION 11. TOXICOLOGICAL INFORMATION**Likely Routes of Exposure**

Inhalation	May cause irritation
Skin Contact	Causes irritation
Eye Contact	Causes serious irritation
Ingestion	Toxic if swallowed

SECTION 12. ECOLOGICAL INFORMATION

Eco Toxicity Do not allow to contaminate streams, ponds, lakes or other water sources. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff is likely to occur. Do not contaminate water when cleaning equipment or disposing of equipment wash waters or rinsate.

Persistence and Degradability	Not available.
Bioaccumulative Potential	No bioconcentration is expected because of the relatively high water solubility.
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 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 Last Revision March 2025