



Safety Data Sheet (SDS)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: EZ Break B100

Synonyms: Methyl Esters -based Concrete Release Agent

Product Use: Concrete release agent for use in construction

Manufacturer: Bio Green Industrial INC

Address: 45540 Sunnyside Mall, Surrey BC Canada

Emergency Phone Number: 1(604)816-1136

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification:

- Not classified as hazardous according to OSHA HCS (29 CFR 1910.1200) or WHMIS 2015. This product contains no hazardous products

GHS Label Elements:

- **Pictograms:** None required.
- **Signal Word:** None required.
- **Hazard Statements:** None required.
- **Precautionary Statements:**
 - Avoid prolonged contact with skin.
 - Use in well-ventilated areas.
 - Prevent release into waterways.

Hazards Not Otherwise Classified (HNOC): May cause mild irritation with prolonged skin or eye contact.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Notes
Methyl Esters	Not Chemical	Derived from renewable sources

SECTION 4: FIRST AID MEASURES

Eye Contact: Flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

Skin Contact: Wash affected area with soap and water. Remove contaminated clothing. If irritation persists, seek medical advice.

Inhalation: Move to fresh air. If respiratory irritation or distress occurs, seek medical attention.

Ingestion: Do not induce vomiting. Rinse mouth with water. Drink 2 Glasses of water to flush system, seek medical attention if symptoms occur.

SECTION 5: FIRE-FIGHTING MEASURES

Flammability: Non Combustible

Suitable Extinguishing Media: Water spray, foam, dry chemical, or CO₂.

Special Hazards Arising from the Substance: May produce carbon oxides (CO, CO₂) when burned.

Protective Equipment for Firefighters: Wear self-contained breathing apparatus (SCBA) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate protective equipment (e.g., gloves, goggles). Avoid contact with skin and eyes.

Environmental Precautions: Prevent material from entering drains, soil, or waterways.

Spill Cleanup Methods: Absorb with inert material (e.g., sand, sawdust) and collect for proper disposal. Dispose of in accordance with local, provincial, state, and federal regulations.

SECTION 7: HANDLING AND STORAGE

Handling: Avoid prolonged skin or eye contact. Use in well-ventilated areas.

Storage: Store in a cool, dry, and well-ventilated area away from heat sources and open flames. Keep containers tightly sealed.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: No exposure limits established for this product.

Engineering Controls: Ensure adequate ventilation.

Personal Protective Equipment (PPE):

- **Eye Protection:** Safety goggles or glasses recommended.
 - **Skin Protection:** Protective gloves (e.g., nitrile or rubber).
 - **Respiratory Protection:** Not typically required under normal use conditions. Use a mask if mist or vapors are generated.
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Light amber liquid
Odor	Low, oily odor
Odor Threshold	Not determined
pH	Neutral
Melting/Freezing Point	Not determined
Boiling Point	> 200°C (392°F)
Flash Point	> 130°C (266°F)
Evaporation Rate	Not determined
Flammability	Non Combustible
Vapor Pressure	Not determined
Vapor Density	Not determined
Relative Density	~0.8-0.9 g/cm ³
Solubility	Insoluble in water
Partition Coefficient	Not determined
Auto-ignition Temperature	> 200°C (392°F)
Decomposition Temperature	Not determined
Viscosity	~50-150 cP @ 25°C

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Reactivity: Non-reactive under normal conditions.

Conditions to Avoid: Heat, open flames, and ignition sources.

Incompatible Materials: Strong oxidizers.

Hazardous Decomposition Products: Carbon oxides when burned.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity: Not expected to be toxic.

Skin Corrosion/Irritation: Prolonged or repeated exposure may cause mild irritation.

Eye Damage/Irritation: May cause mild irritation.

Respiratory or Skin Sensitization: Not a sensitizer.

Chronic Effects: None known.

Carcinogenicity: Not classified as a carcinogen by IARC, NTP, OSHA, or ACGIH.

Mutagenicity: No data available.

Reproductive Toxicity: No data available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Product is biodegradable and poses minimal risk to aquatic environments.

Persistence and Degradability: Readily biodegradable.

Bioaccumulate Potential: Low potential for bioaccumulation.

Mobility in Soil: Low; product is expected to bind to soil particles.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, provincial, state, and federal regulations. Do not release into waterways. Used product should be recycled or disposed of through a licensed waste disposal facility.

SECTION 14: TRANSPORT INFORMATION

UN Number: Not regulated.

Proper Shipping Name: Not applicable.

Transport Hazard Class: Not applicable.

Packing Group: Not applicable.

Environmental Hazards: Not applicable.

Special Precautions: None.

SECTION 15: REGULATORY INFORMATION

U.S. Regulations:

- Not regulated under OSHA Hazard Communication Standard (29 CFR 1910.1200).
- Not listed under CERCLA, SARA Title III, or TSCA.

Canadian Regulations:

- WHMIS Classification: Not regulated.

SECTION 16: OTHER INFORMATION

Prepared by: [Insert Preparer's Name]

Preparation Date: [Insert Date]

Revision Date: [Insert Revision Date]

Disclaimer: The information provided in this MSDS is based on data believed to be accurate as of the date of preparation. No warranty is expressed or implied regarding the accuracy or completeness of this information. Users are responsible for determining the suitability of this product for their specific applications and conditions of use.