



SOIL BOOSTER

MATERIAL SAFETY DATA SHEET

CROPLAND SOLUTIONS INC.

Edmonton, Alberta

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SAFETY DATA SHEET

Identification

Product Identification

Soil Booster

Formula

Worm Castings
Water

Product Use

Soil Drench Amendment, Seed
Treatment, Foliar Spray

Company Identification

Cropland Solutions Inc.,
9068 51st Ave NW,
Edmonton, AB,
T6E 5X4
1-587- 882 - 3276

Hazard Identification

GHS Classification

Not Classified

GHS Symbol

None

GHS Signal Word

None

Hazard Statements

N/A

Precautionary Statement

N/A

OSHA Hazards

This material is not considered hazardous by OSHA.

Other Hazards Exposure to the aerosol produced by this material during use as a spray may cause eye, nose, and throat irritation.

Composition

Common Name Worm Casting Extract

Chemical Name Worm Casting

CAS No. None

First Aid Measures

Inhalation Symptoms – None known.

Move person to well ventilated area with fresh air.

Skin Symptoms – None known.

Rinse affected area. Wash with soap and water.

Eyes Symptoms – None known.

Rinse eyes immediately. Flush with water for 15 minutes. Eye protection recommended for continuous exposure situations.

Ingestion Symptoms – None known.

Rinse mouth. Get medical attention if needed.

Fire Fighting Measures

Suitable Extinguishing Media Water based – inflammable.

Unsuitable Extinguishing Method None required.

Fire Fighter's Special Protective Equipment None Required.

Accidental Release Measures

Environmental Precautions	Avoid uncontrolled runoff. Prevent product from entering storm drains.
Personal Precautions	Avoid aerosol inhalation. Do not ingest. Wash hands thoroughly before and after use. Use appropriate PPE.
Spill Containment and Clean Up	Clean up with soap and water. Allow to dry.

Handling and Storage

Handling	Avoid aerosol inhalation. Gloves may limit exposure and ease clean up. Work in well ventilated areas. Wash off excess residue frequently. Use soap and water as necessary.
Storage	Store in a cool, dark environment.

Exposure Control / Personal Protection

Exposure Limits	None known.
Worm Casting Extract CAS #	None.
ACGIH TLV	Unknown.
OSHA /PEL	Unknown.
Skin and Body Protection	None required. Gloves recommended.
Respiratory Protection	None required.
Head Protection	None required.
Eye Protection	None required. Safety glasses with side shields are recommended.

Physical and Chemical Properties

Appearance	Light to dark. Chocolate brown.
Odour	Slightly earthy odour.
PH	5.5 7.5
Melting Point	Unknown.
Freezing Point	0 degrees Celsius
Evaporation Rate	N/A.
Flammability	Non-flammable.
Explosion Limits	Unknown.
Auto-ignition temperature	Unknown.
Viscosity	N/A.
Solubility	Soluble in water.

Stability and Reactivity

Chemical Stability	This product is stable under normal conditions.
Reactivity	This product is non-reactive under recommended storage conditions.
Hazardous Decomposition Products	N/A.
Conditions to Avoid	Closely confined, non-ventilated storage areas.

Toxicological Information

Likely Routes of Exposure	Eyes. Ingestion. Inhalation. Skin.
Potential Health Effects	Eyes – none known. Ingestion – none known. Inhalation – none known. Skin – none known.
Acute Toxicity	No data available.
Reproductive Toxicity	No data available.
Germ Cell Mutagenicity	No data available.
Specific Target Organ Toxicity	Single exposure – no adverse health effects expected under normal use. Repeated exposure - no adverse health effects expected under normal use.
Carcinogenicity	No component of this product present at levels equal to or greater than 0.1% is identified as a probable, possible, potential, or confirmed human carcinogen by the following organizations: OSHA, IARC, ACGIH, and NTP.

Ecological Information

Toxicity	Non-toxic.
Persistence and Degradability	Inherently biodegradable.
Bio-accumulative Potential	None. Does not bio-accumulate.
Mobility	Potential for water contamination. Control run off.

Disposal Considerations

This product is not considered to be and is not regulated as hazardous waste. May be disposed of in a sanitary landfill or used as a soil amendment in most agricultural environments.

Transport Information

DOT This product is not regulated by the DOT.

Regulatory Information

OSHA No components of this product are listed as hazardous by OSHA.

SARA No chemicals in this product are subject to the reporting requirements of SARA Title III Section 302 or 313. No chemicals in this product are subject to Section 311 or 312 of SARA.

Other Information

The information contained in this SDS is accurate to the best of our knowledge but does not purport to be all inclusive and should only be used as a general guide. The information in this SDS may not be valid if this product is used in combination with other products.

Available data, safety standards, and government regulations are subject to change. Therefore, no warranty, guarantee, or representation with respect to completeness or accuracy of the information contained in this document is made.

The user of this product assumes all responsibility for compliance with any and all applicable Federal, Provincial, local laws, and environmental regulations.

The user of this product must also decide what safety measures should be in place to safely handle this product. The choice of the safety measures, use, or misuse of this product are beyond the control and not the responsibility of Annelida Casting Innovations.