



info@earthalivect.com
www.earthalivect.com

Revision Date: October 23, 2017

SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product Name Earth Alive Soil Activator
Product Use Description: Soil amendment

Company: Earth Alive Clean Technologies Inc.
 9641 rue Clément
 Lasalle, QC H8R 4B4
 CANADA

Email info@earthalivect.com
Information Telephone Number +1 438 333-1680

SECTION 2 HAZARDS IDENTIFICATION

OSHA Hazards: No known OSHA hazards.

Not a hazardous substance according to GHS.

Potential Health Effects:

<i>Eyes</i>	May cause slight irritation
<i>Skin</i>	Prolonged contact may cause light skin irritation in sensitive individuals.
<i>Inhalation</i>	May cause irritation of respiratory tract
<i>Ingestion</i>	May cause gastrointestinal irritation

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS-No	Weight%
Viable bacterial cultures <i>Bacillus subtilis, Bacillus amyloliquefaciens, Pseudomonas montellii</i>	N/A	1-10%
Proprietary compound derived from natural vegetative sources	N/A	80-90%

SECTION 4 FIRST AID MEASURES

Eye Contact	In case of contact with the eyes, wash immediately and abundantly with water. Seek medical attention if irritation persists
Skin Contact	Wash with soap and water. Seek medical attention if irritation persists
Inhalation	Move to fresh air. Seek medical attention if irritation persists
Ingestion	Clean mouth with water and afterwards drink plenty of water. Seek medical attention if irritation persists

SECTION 5 FIRE-FIGHTING MEASURES

Flammable Properties	Yes when exposed to open flame, very high temperatures, or if large amounts of dust are dispersed in air
Suitable Extinguishing Media	Water spray, foam, dry powder, or carbon dioxide
Special protective equipment and precautions for firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
Hazardous Combustion Products	Emits toxic fumes (oxides of carbon, sodium and sulfur) under fire conditions. (See also Stability and Reactivity section).

SECTION 6 ACCIDENTAL RELEASE MEASURES
--

For small spills, flush with water. For large spills, dyke and reclaim the product. Dispose of waste according to local, provincial/state and federal regulations.

SECTION 7 HANDLING AND STORAGE

Handling	Ensure adequate ventilation
Storage	Keep tightly closed, dry, and at "room" temperature
Storage Conditions	In unbroken packaging - keep dry and protect from the sun. Extended storage, especially in adverse conditions such as higher temperatures (>45°C) or higher humidity may reduce efficacy.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION
--

Occupational Exposure Controls

Engineering Controls Not applicable

Personal Protective Equipment

Respiratory Protection Use in a well ventilated area

Eye Protection Eyeglasses

Skin Protection Long sleeved clothing recommended to avoid prolonged exposure

Hand Protection Protective gloves recommended to avoid prolonged exposure

Other Protective Equipment Not required unless specified by employer code

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light to medium brown powder
Physical State	Dry
Odour	Slight fermentation odour
pH @ 25°C	7.0 approximately
Boiling Point/Range	Not applicable
% Volatile (wt%)	< 7% moisture, heating @ 105°C
Flash Point	207°C
Density	0.38 - 0.50 g/cc apparent density
Freezing Point	Not applicable
Dispersion in water	100% miscible

SECTION 10 STABILITY AND REACTIVITY
--

Chemical Stability	Stable under recommended storage conditions
Materials to Avoid	Avoid contact with strong oxidizing agents, concentrated acids, nitric acid
Hazardous Decomposition Products	Sulfur Dioxide, Carbon oxides, Nitrogen Oxides

SECTION 11 TOXICOLOGICAL INFORMATION

No known toxicity

SECTION 12 ECOLOGICAL INFORMATION
--

All ingredients are biodegradable and derived from vegetative sources

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state/provincial and federal regulations.

SECTION 14 TRANSPORT / TRANSPORTATION
--

Not regulated by U.S. Department of Transportation (DOT).

SECTION 15	REGULATORY INFORMATION
-------------------	-------------------------------

US TSCA	No ingredients are listed
California Proposition 65	No ingredients are listed
SARA 311	No SARA hazard
SARA 312	No SARA hazard
SARA 313	No ingredients are listed
WHMIS Canada	Not regulated
Canadian DSL	All the ingredients are listed

SECTION 16	OTHER INFORMATION
-------------------	--------------------------

SDS Preparation Date: October 23, 2017

Disclaimer

The information provided on this Safety Data Sheet ("SDS") is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

Furthermore, as the conditions of use are beyond the control of Earth Alive Clean Technologies, it is the responsibility of the customer to determine the conditions of safe use of these products.

End of Safety Data Sheet