

MATERIAL SAFETY DATA SHEET

Issued by: Earth Alive Clean Technologies inc.

Section 1 – Identification of chemical product and company

TRADE NAME	Big Blue Alga Liquid Seaweed
SUBSTANCE	Extract from algae (Ascophyllum nodosum)
PRODUCT USE	Soil Amendment
Producer / Importer Address Postal Code & City Telephone E-mail	Earth Alive Clean Technologies inc. 9641 rue Clément Lasalle, QC H8R 4B4 438-333-1680 info@earthalivect.com

Section 2 - Composition/Information on Ingredients

No.	Ingredients Name	CAS-NO	Cons. (weight%)	Classification
1	Extract from algae (Ascophyllum nodosum)	84775-78-0	100%	IK
Legend	T* = Very Toxic, T = Toxic, C=Corrosive, Xn = Harmful, Xi = Irritant, IK = No Classification Required, E= Explosive, O= Oxidizing, F* = Extremely Flammable, F = Very Flammable, Fo = Flammable, N= Dangerous to Environment, Mu = Genetoxic, Sens= Sensitizing, Care = Carcinogen, Repr = Causes Birth Defects			

Section 3 – Hazard Identification

ROUTE OF ENTRY:

Skins contact, Skin absorption, Eye Contact, Inhalation, Ingestion

This product does not require labeling.

Section 4 - First Aid Measures

GENERAL:

Non-hazardous material. If irritation or discomfort occurs, seek medical advice from a physician.

EYE CONTACT:

Non-irritating to ocular tissue. Immediately flush eyes with plenty of water at least 15 minutes. Keep eyes wide open while flushing. Take special care if exposed person is wearing contact lenses. Seek medical attention if irritation occurs.

SKIN CONTACT:

Non-irritating to skin. Wash with mild soap and water. Seek medical attention if discomfort occurs.

INHALATION:

Non-toxic. Do not intentionally breathe vapors.

INGESTION:

Non-toxic if ingested. Drink plenty of water or milk. Seek medical attention if discomfort occurs.

OVER EXPOSURE:

Not applicable.

Section 5 - Fire Fighting Measures

FLASH POINT:

Not Applicable

UPPER FLAMMABILITY LIMIT:

Not Applicable

LOWER FLAMMABILITY LIMIT:

Not Applicable

PROPER FIREFIGHTING EQUIPEMENT:

Use extinguishing media appropriate for surrounding fire. Caution, slippery in liquid form or when mixed with water.

FIRE AND EXPLOSION HAZARDS:

There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. No fire decomposition products are expected from this product at temperatures normally achieved in a fire.

Section 6 - Accidental Release Measures

SAFETY MEASUREMENTS TO PROTECT PERSONS

Gloves and eye protection should be worn when handling based on staining.

PROPER METHODS FOR DAMAGE LIMITATION AND CLEANUP

Spills may be easily cleaned by removing as much material as possible and washing remaining spill with copious amount of water. Product may become slippery with the addition of clean-up water. Gloves and eye protection should be worn due to temporary staining.

Section 7 - Handling and Storage

HANDLING ADVICE:

Avoid handling which may cause staining. Use personal protective equipment.

STORAGE:

Store in cool place and out of direct sunlight. Keep from freezing below -15°C. Do not contaminate water, food or feed by storage or disposal.

Section 8 - Exposure Controls and Personal Protection

EXPOSURE CONTROL :

No specific ventilation requirements. Eyewash facilities should be available.

RESPIRATION PROTECTION:

No respirator is required.

EYE PROTECTION :

Eye protection should be worn when handling due to temporary staining.

HAND PROTECTION:

Gloves should be worn when handling due to temporary staining.

Section 9 - Physical and Chemical Properties:

Form	Liquid	Air Reactive	n/a
Color	Black	Percent Volatile (by Volume)	n/a
Odor	Marine-like	Density	1.16 g/cc
Solubility	100% Water Soluble	Solubility in Water	100% at 20°C
Melting Point / Range	n/a	Saturation Conc.	Not Determined
Expl. Limit LEL-UEL. %-%	n/a	Rel. Density Sat. Air (Air=1)	Not Determined
Vapor Pressure	Not Determined	Boiling Point/Range	100°C (212° F)
Decomposition Temp.	Not Determined	pH Concentrate	7.4 – 8.2
pH Solution	7.4 – 8.2	Viscosity	<100 cP
Flash Point	Not Determined	Smelling Limits lo-hi	Not Determined
Molecular Weight	n/a	Rel. Evap. Velocity	Not Determined
Ignition Temp.	550°C	Water Reactive	n/a
Rel. Vapor Density (air=1)	Not Determined		

Section 10 - Stability and Reactivity

STABILITY:

Product is stable under normal conditions of use and storage.

CONDITIONS TO AVOID:

Excessive heat or freezing.

MATERIALS TO AVOID:

Oxidants and acids may cause degradation.

HAZARDOUS DECOMPOSITION PRODUCTS:

Not applicable.

HAZARDOUS POLYMERISATION:

Will not occur.

Section 11 - Toxicological Information

ACUTE ORAL TOXICITY :

Non-toxic orally. Ingestion of significant amounts may cause nausea and discomfort.

ACUTE OCULAR TOXICITY:

Non-irritating to the ocular tissue of non-irrigated eyes.

ACUTE DERMAL TOXICITY:

Not toxic dermally. No treatment-related effects were observed.

ACUTE DERMAL IRRITATION :

No irritation or corrosive effects were observed.

INHALATION TOXICITY:

Not hazardous by inhalation.

SKIN SENSITIZATION:

Very slight erythema observed with no other signs of irritation.

Classification of Hazardous Ingredients

Ingredient

Risk Phrases

No ingredient mentioned in the HSIS Database is present in this product at hazardous concentrations.

Section 12 - Ecological Information

BREAKDOWN

Biodegradable. Product presents minimal environmental impact.

ECOTOXICITY

Plant nutritional supplement and growth stimulant, high concentrations may cause burn of plants. Non-toxic to marine algae, vertebrates or invertebrates.

Section 13 - Disposal Considerations

Not classified as hazardous waste. Product must be disposed of according to Federal State or local procedures.

Section 14 - Transport Information

GENERAL

Non-hazardous material according to transport regulations. No special precautions are necessary.

Section 15 - Regulatory Information

COMPOSITION

Extract from Algae (*Ascophyllum nodosum*)

R-PHRASES

The product doesn't require labeling Marking according to hazardous product regulation is not required.

REFERENCES

The MSDS is prepared on basis of information given by the manufacturer.

Section 16 - Other Information

THIS MSDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS MSDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.