



SAFETY DATA SHEET

Acadie Fresh seaweed concentrate

1. IDENTIFICATION

Product identifier: *Acadie Fresh seaweed concentrate*

Other means of identification: Extract from algae (*Ascophyllum nodosum*)

Uses: Agricultural input, nutritional supplement for plants

Producer/importer: Acadie

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2. COMPOSITION / INFORMATION ON INGREDIENTS

No.	Ingredients name	# CAS	Cons. (weight %)	Classification
1	Extract from algae	N/A	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 = Genotoxic, Sens = Sensitizing, Care = Carcinogen, Repr = Causes Birth Defects

3. HAZARD IDENTIFICATION

This product is not hazardous and does not require hazard identification

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. Keep eyes wide open while flushing. 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.

5. FIRE FIGHTING MEASURES

FLASH POINT

Not applicable.

FLAMMABLE LIMITS

Not applicable.

SUITABLE EXTINGUISHING MEDIA

Use extinguishing media appropriate for surrounding fire.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

Non-flammable. Non-explosive.

COMBUSTION PRODUCTS

Not hazardous.

6. ACCIDENTAL RELEASE MEASURES

SAFETY MEASUREMENTS TO PROTECT PERSONS

Gloves and eye protection should be worn when handling due to temporary staining.

PROPER METHODS FOR DAMAGE LIMITATION AND CLEANUP

Spills may be easily cleaned by removing as much solid as possible and washing remaining spill with copious amounts of water. Avoid loose product on floor in damp areas as product may become slippery with the addition of clean-up water. Gloves

7. HANDLING AND STORAGE

HANDLING ADVICE

Avoid handling which may cause staining. Use personal protective equipment as specified in section 8.

STORAGE

Store in a dry, cool place and out of direct sunlight. No specific ventilation requirements. Eyewash facilities should be available.

Do not contaminate water, food or feed by storage or disposal.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

EXPOSURE LIMITS

None assigned.

APPROPRIATE ENGINEERING CONTROLS

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

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

10. STABILITY AND REACTIVITY

STABILITY

Product is stable.

REACTIVITY

Product is not reactive

CONDITIONS TO AVOID

Excessive moisture, heat or freezing.

MATERIALS TO AVOID

Oxidants and strong acids may cause degradation.

HAZARDOUS DECOMPOSITION PRODUCTS

Not applicable.

HAZARDOUS POLYMERIZATION

Will not occur.

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.

12. ECOLOGICAL INFORMATION

BREAKDOWN

Biodegradable. Product presents minimal environmental impact.

ECOTOXITY

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

13. DISPOSAL CONSIDERATIONS

Not classified as hazardous waste. Product must be disposed of according to federal, state or local procedures regarding fertilizing materials.

14. TRANSPORT INFORMATION

GENERAL

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

15. REGULATORY INFORMATION

COMPOSITION

Extract from algae (*Ascophyllum nodosum*).

R-PHRASES

The product does not require labeling. Marking according to hazardous product regulations is not required.

REFERENCES

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

16. OTHER INFORMATIONS

ISSUED: January 3, 2025

VENDOR NOTES

Every endeavor has been made to ensure that the information contained in this SDS leaflet is reliable, but we cannot accept liability for any loss, injury or damage, which may result from its use or misuse. Data given in this SDS is solely for the guidance in safe handling and use of the product by customers; they do not form part of any specification. Customers are encouraged to conduct their own tests following discussion with our technical department. The above information is based on experience, but it is always advisable for customers to satisfy themselves, by consultation with our technical department and small-scale testing is necessary, that product, that they have selected, is suitable for their purpose under their conditions of use.