

Material Safety Data Sheet

Product Name: ECOGRO™ - Plant Based Water Soluble Nitrogen

1. Material Identification

Signal Word	Chemical Name	Chemical Class	Product Origin
NONE	LIQUID PLANT NUTRIENT	LIQUID PLANT NUTRIENT	INDIA

Manufacturer and Distributor
ECOSTADT TECHNOLOGIES LLC.
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CHEMTREC®
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2. Product Ingredients

Chemical Component	Percent Range	CAS Numbers	OSHA-PEL	ACGIH-TLV	NTP/IARC/OSHA CARCINOGEN	OTHER
PLANT NUTRIENTS	100%	N/A	N/A	N/A	N/A	N/A
OTHERS	0%		N/A	N/A	N/A	N/A

3. Hazards Identification

Emergency Overview:

Physical Properties

Appearance: Light brown to dark liquid

Odor: Fermented organic odor

Hazardous Decomposition Products: None

Unusual Fire, Explosion, and Reactivity Hazards: None

Potential Health Effects

Acute Effects: None

Symptoms of Acute Exposure: Not known

Chronic Effects: Not known

Carcinogenicity: None of the components is listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.

4. First Aid Measures

Primary Routes of Exposure: Inhalation, Ingestion

Sign and Symptoms of Exposure:

Inhalation: May give strong odor

Ingestion: May taste sour.

Emergency First Aid Procedure:

If Inhaled: If inhaled excessively, move to fresh air.

If Ingested: Give more water to dilute. Call a physician.

5. Fire Fighting Measures and Explosion Hazard Data

Flash Point: Non flammable

Auto ignition Temperature: Not established

Fire Extinguishing Media: Not established

Special Fire Fighting Procedures: Follow regular firefighting procedures.

6. Accidental Release Measures

Steps to be Taken if Material is Released or Spilled

General: Remove spilled material through simple mechanical removal.

Specific: Product is not regulated under RCRA or CERCLA.

7. Handling and Storage

Precautions in Handling: Do not contaminate water, food, or feed by storage or disposal.

Storage: Store in cool, dry place.

8. Exposure Controls/Personal Protection

Ventilation Requirements:

Normal ventilation is recommended.

Personal Protective Equipment:

Regular fertilizer handling care required.

Manufacturing and Packaging Employees:

Eye/Face: Routine industrial production cares.

Skin Protection: Use hand gloves.

Respiratory Protection: Normal ventilation is recommended

Additional Information: Wash hands before eating, drinking, chewing gum and using tobacco products.

Applicators and Handlers: Regular fertilizer application procedures to be followed.

9. Physical and Chemical Properties

Appearance: Light Brown viscous liquid

Specific Gravity: 1.0-1.05

Dispersion in Water: Soluble in water

pH: 5.0-5.5 @ 20 °C

Odor: Fermented organic odor

Viscosity: Viscous

Boiling point: >100 Deg C

Freezing point: -1 Deg C

Vapor pressure: Unknown

10. Stability and Reactivity

Stability: Stable at ordinary conditions of use and storage.

Incompatibility: Unknown

Decomposition/ Byproducts: Unknown.

Hazardous Polymerization: Unknown.

11. Toxicological Information

Acute Toxicity/Irritation Studies:

Acute Oral : Unknown

Acute Dermal : Unknown

Acute Inhalation : Unknown

Primary Eye Irritation : Unknown

Skin Sensitization : Unknown

12. Ecological Information

Acute Fish Toxicity (Rainbow Trout):Unknown

Acute Daphnia Immobilization: Unknown

Effect on Birds: Unknown

13. Disposal Considerations

Do not contaminate water, food or feed.

14. Transportation Information

Classification: Not regulated

Maritime Organization: Not regulated

Civil Aviation Organization: Not regulated

Instructions: No special instruction on handling required

Flammability: Non flammable

Transport by Air: Safe for Air Transport

15. Regulatory Information

SARA Title III Classifications

Section 302/304 N/A

Section 311/312 N/A

Section 313 Chemical(s) N/A

Proposition 65

Not Applicable

CERCLA Reportable Quantity (RQ)

Not Applicable

RCRA Classification

Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste.

TSCA Status

Not Applicable

16. Other Information

NFPA Hazard Ratings

Health:	NA	0	Least
Flammability:	NA	1	Slight
Reactivity:	NA	2	Moderate
		3	High
		4	Severe

Prepared by: ECOSTADT TECHNOLOGIES LLC.

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