

Material Safety Data Sheet

Product Name: ECOSTART™ - Root Enhancer Plant Nutrient

1. Material Identification

<u>Signal Word</u>	<u>Chemical Name</u>	<u>Chemical Class</u>	<u>Product Origin</u>
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

<u>Chemical Component</u>	<u>Percent Range</u>	<u>CAS Numbers</u>	<u>OSHA-PEL</u>	<u>ACGIH-TLV</u>	<u>NTP/IARC/OSHA CARCINOGEN</u>	<u>OTHER</u>
PLANT NUTRIENT	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 : Dark Liquid

Odor : Strong Organic odor

Hazardous Decomposition Products : None

Unusual Fire, Explosion, and Reactivity Hazards : None

Potential Health Effects

Acute Effects : Not known

Symptoms of Acute Exposure : Not Known

Chronic Effects : Not Known

Carcinogenicity :None of the components 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 strongodor

Ingestion : May taste bitter and pungent.

Emergency First Aid Procedure :

If Inhaled : If inhaled excessive, 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 : Dark viscous Liquid

Specific Gravity : 1.1-1.15

Dispersion in Water : Soluble in water

pH : 4.5-5.0 @ 20 °C

Odor : Strong 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

Flammability: NA

Reactivity: NA

0	Least
1	Slight
2	Moderate
3	High
4	Severe

Prepared by: ECOSTADT TECHNOLOGIES LLC.

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