

Material Safety Data Sheet

Product Name: ECOESSENTIALS™ WSP - Microencapsulated Zinc

1. Material Identification

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

Manufacturer and Distributor
ECOSTADT TECHNOLOGIES LLC.
1024 IRON POINT ROAD, SUITE 100-1318
FOLSOM, CA 95630, USA
PHONE: (916)-357-6607 FAX: (916)-357-6501

CHEMTREC®
1-800- 1-1-800-424-9300 / 1-703-527-3887

2. Product Ingredients

Chemical Component	Percent Range	CAS Numbers	OSHA-PEL	ACGIH-TLV	NTP/IARC/OSHA CARCINOGEN	OTHER
VEG.PEPTIDSETC.	88%	68607-88-5	N/A	N/A	N/A	N/A
ZINC	12%		N/A	N/A	N/A	N/A

3. Hazards Identification

Emergency Overview:

Physical Properties

Appearance: Light white powder

Odor : Protein odor

Hazardous Decomposition Products: None

Unusual Fire, Explosion, and Reactivity Hazards : None

Potential Health Effects

Acute Effects: None

Symptoms of Acute Exposure: None

Chronic Effects: None

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 Avoid inhalation

Ingestion: Taste protein.

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: Not 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 White powder

Specific Gravity : Unknown

Dispersion in Water : Soluble in water

pH : 6.0-6.5 @ 20 °C

Odor : Protein odor

Viscosity : Powder

Boiling point : >100 °C

Freezing point : N/A

Vapor pressure : N/A

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.

The information contained herein is provided in good faith and is believed to be correct as of the date. However, ECOSTADT TECHNOLOGIES LLC. makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a specific purpose. Accordingly, ECOSTADT TECHNOLOGIES LLC. will not be responsible for damage of any kind resulting from the use of or reliance upon such information.

ECOESSENTIALS™ WSP (Zn 12%) is a pending registered trademark of ECOSTADT TECHNOLOGIES LLC.

Date last updated 05/18/2014