

# Material Safety Data Sheet

Product Name: ECOESSENTIALS™ WSP - Microencapsulated Copper

## 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.PEPTIDES ETC.	88%	68607-88-5	N/A	N/A	N/A	N/A
COPPER	12%		N/A	N/A	N/A	N/A

## 3. Hazards Identification

### Emergency Overview:

### Physical Properties

**Appearance:** Light Blue 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 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 Blue 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

**Flammability:** NA

**Reactivity:** NA

0	Least
1	Slight
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 (Cu 12%) is a pending registered trademark of ECOSTADT TECHNOLOGIES LLC.

Date last updated 05/18/2014