

# VETPAK SAFETY DATA SHEET

## Section 1: Identification of the Substance or Mixture and of the Supplier

**Product Name:** Copper EDTA Powder

**Other names:** Disodium EDTA- copper, Disodium cupric ethylenediaminetetraacetate, Copper disodium EDTA, EDTA copper disodium salt, Disodium copper ethylene diamine tetra acetate, Copper versenate.

**Recommended Use:** Copper supplementation for cattle

**Company Details:** Vetpak Ltd.

**Address:** 150 Rickit Road, Te Awamutu.

**Telephone Number:** (07) 870 2024

**Emergency Telephone Number:** (07) 870 2024 8.00am to 5.00pm Monday to Friday except public holidays. National Poisons Centre, Department of Preventative and Social Medicine, University of Otago, P O Box 913, Dunedin, New Zealand. Phone (0800) 764-766 24 hours.

**Date of Review:** 8<sup>th</sup> August 2008.

## Section 2: Hazards Identification

**Hazards Classification:** 6.1E, 6.3A, 6.4A, 6.5B, 6.9B, 9.1D.

**ERMA New Zealand Approval Code:** HSR 003697.

**Hazard Statements:**

**Warning:**

May be harmful if inhaled.

Causes skin irritation.

Causes eye irritation.

May cause an allergic skin reaction.

May cause weight loss and damage to liver and kidney through prolonged or repeated exposure.

Harmful to aquatic life.

**Prevention Statements:**

Keep out of reach of children

Read label before use.

Wash hands thoroughly after handling.

Wear protective gloves, eye and face protection.

Contaminated work clothing should not be allowed out of the workplace.

Do not breathe dust.

Do not eat, drink or smoke when handling this product.

Avoid release to the environment.

## Section 3: Composition / Information on Ingredients:

**INGREDIENTS:**

Pure Substance	CAS Number	Proportion
Disodium copper ethylene	14025-15-1	100%



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diamine tetra acetate

## Section 4: First Aid Measures:

**Swallowed:** Rinse mouth out with water. Call a doctor if necessary.

**Skin:** Rinse with plenty of water.

**Eye:** Rinse immediately with plenty of water for at least 15 minutes.

**Inhaled:** Move the affected person away from the contaminated area and into fresh air.

**Workplace Facilities:** Clean running water.

**Notes for Medical Personnel:** Treat symptomatically based on individual reactions of patient and judgment of doctor.

## Section 5: Fire Fighting Measures

**Type of Hazard:** Combustible. However does not present any particular risk in the event of a fire.

**Extinguishing Media & Methods:** All extinguishing agents can be used. Use extinguishing agent most suitable for surrounding fire.

## Section 6: Accidental Release Methods

**Emergency Procedures:** Personal involved in the clean up should wear full protective clothing. Eliminate all sources of ignition. Increase ventilation. Avoid generating dust. Do not allow product to reach drains, sewers or waterways. If the product does enter a waterway, advise the Environmental Protection Authority or your local Waste Management Authority.

**Methods and Materials for Containment and Cleanup:** Contain and sweep / shovel up spills with dust binding material or use an industrial vacuum cleaner. Transfer to a suitable, labelled container and hold for disposal. Once pick up is complete, flush spill site with water to eliminate any residue.

## Section 7: Handling and Storage

**Handling Practices:** Ensure an eye bath and safety shower are available and ready for use. Handle in accordance with good industrial hygiene. And safety practice. Wash thoroughly after handling.

**Store Site Requirements:** Store in cool, dry, well ventilated area. Keep containers tightly sealed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect from physical damage. Store away from incompatible materials.

**Packaging:** Store in the original, labelled container with the lid tightly closed.

## Section 8: Exposure Controls / Personal Protection

**Workplace Exposure Standards:** ERMA NZ recommends the following exposure limits: Copper fume TWA 0.2 mg/m<sup>3</sup>.

**Engineering Controls:** Ensure adequate local or general exhaust ventilation to maintain airborne concentrations of dust, vapour or fumes below the standards.

### Personal Protection:

**Respirator:** Wear an NIOSH approved respirator if engineering controls are inadequate.

**Eyes:** Safety goggles.

**Hands:** PVC gloves.

**Clothing:** Cotton overalls and boots.

**General hygiene:** Handle in accordance with good manufacturing practice.



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## Section 9: Physical and Chemical Properties

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**Appearance:** Fine blue powder.

**Boiling Point:** Not available

**Melting Point:** Not applicable.

**Vapour Pressure:** Not applicable.

**Specific Gravity:** Approximately 0.647kg/dm<sup>3</sup>.

**Flash Point:** Not applicable.

**Flammability Limits:** Not available.

**Solubility in Water:** Approximately 104.1g per 100g of water at 25°C.

**Solubility in organic solvents:** Insoluble in common organic solvents.

**pH:** 6.17

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## Section 10: Stability and Reactivity

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**Stability of the Substance:** Stable at ambient temperature and under normal conditions of use.

**Conditions to avoid:** No dangerous reactions known under normal conditions of use.

**Hazardous decomposition Products:** On combustion or on thermal decomposition releases CO and CO<sub>2</sub>, and nitrogen oxides.

**Hazardous polymerization:** Does not occur.

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## Section 11: Toxicological Information

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### Acute Effects:

**Swallowed:** Persons with mild allergies could experience hay fever with sneezing and nasal congestion.

**Skin:** Skin allergy could develop from repeated excess skin contact.

**Eye:** Irritation and redness may occur.

**Inhaled:** Person with acute allergies could become asthmatic (rare). Allergies could develop over time with some individuals.

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## Section 12: Ecological Information

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**Potential Environmental Considerations:** Toxic to algae.

**Environmental risk phrases:** Avoid release to the environment.

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## Section 13: Disposal Considerations

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**Disposal Information:** Rinse empty container before disposal – add rinsings to use solutions. Crush and bury in a suitable landfill or if appropriate, recycle. Avoid contamination of any waterway with chemical or empty container.

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## Section 14: Transport Information

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**Relevant information:** No special requirements.

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## Section 15: Regulatory Information

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**Regulatory status:**

**ERMA New Zealand Approval Code:** HSR 003697.

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## Section 16: Other Information

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**Additional Information:** National Poisons Centre, Department of Preventative and Social Medicine, University of Otago, P O Box 913, Dunedin, New Zealand. Phone (0800) 764-766 24 hours.

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1. The above information has been compiled on the basis of good faith, and our experience from the available technical knowledge and data for this product.
  2. Where health or safety data given discloses a risk to the user or environment, it is the responsibility of the Purchaser to pass on that information to employees or those who may be using the product, ensuring that adequate safety procedures are used.
  3. No responsibility can be accepted for the wrongful or misinterpretation of this data.
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