

CopperSure

Chelated EDTA Injection

For the treatment and control of copper deficiency in sheep, cattle and deer

Section 1. Identification of the material and the supplier

**Product:** CopperSure

**Product Use:** Injection for the treatment and prevention of copper deficiency in cattle, sheep, and deer.

**Restriction of Use:** Refer to Section 15

**New Zealand Supplier:** BioCell Corporation Limited

**Address:** 19 Laureston Ave, Manukau, Auckland

**Telephone:** +64 9 270 0755

**Emergency No:** 0800 764 766  
(National Poison Centre)

**Date of SDS Preparation:** 3 May 2024

Section 2. Hazards Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020.

**EPA Approval No:** Veterinary Medicines (Limited Pack Size, Finished Dose) – HSR100757

Pictograms



Signal Word: **Warning**

GHS Classification and Category	Hazard Code	Hazard Statement
Eye irritation Cat. 2	H319	Causes serious eye irritation
Prevention Code	Prevention Statement	
P264	Wash hands thoroughly after handling	
P280	Wear protective clothing [as detailed in SDS Section 8]	
Response Code	Response Statement	
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing	
P337 + P313	If eye irritation persists: Get medical advice/attention	
Storage Code	Storage Statement	
None allocated		
Disposal Code	Disposal Statement	
P501	Dispose of according to Local Regulations or Authorities	

## Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Calcium copper edetate	388 g/L	66317-91-7
Other nonhazardous ingredient	to 100	Secret

## Section 4. First Aid Measures

### Routes of Exposure:

#### If in Eyes

Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice

#### If on Skin

Wash with plenty of soap and water. If skin irritation occurs: get medical advice/attention

#### If Swallowed

Wash out mouth thoroughly with water. Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Seek medical attention if needed

#### If Inhaled

Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Apply artificial respiration if not breathing. Get medical advice if breathing becomes difficult

### Most important symptoms and effects, both acute and delayed

#### Symptoms

Causes serious eye irritation.

## Section 5. Fire Fighting Measures

Hazard Type	Non Flammable
Hazards from products	No data available
Suitable Extinguishing media	carbon dioxide, dry powders, water, BCF. Water is the preferred medium
Precautions for firefighters and special protective clothing	Wear appropriate protective gear. Cool sealed drums with water to prevent rupture due to thermal expansion. Contain run-off. Keep non-involved persons away
HAZCHEM CODE	None Allocated

## Section 6. Accidental Release Measures

Wear full protective equipment (overalls, chemical resistant gloves, boots and safety goggles). Wash down affected area with water plus detergent. Absorb and collect washings and place in the same sealable container for disposal. Seek advice from the local authority regarding disposal.

## Section 7. Handling and Storage

### Precautions for Handling:

- Wash hands thoroughly after handling
- Wear protective clothing [as detailed in SDS Section 8].

### Precautions for Storage:

- Store away from incompatible materials listed in Section 10
- KEEP OUT OF REACH OF CHILDREN
- Store below 30 °C in original container
- Store away from direct sunlight.

## Section 8. Exposure Controls / Personal Protection

### WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA ppm mg/m3	STEL ppm mg/m3
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None of the components have assigned exposure limits.

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices Nov 2023 14TH EDITION.

### Engineering Controls

Ensure adequate ventilation.

### Personal Protection Equipment



Eyes Eye protection such as protective glasses or goggles is recommended when this product is being used

Skin Not required

Respiratory Not required

## Section 9. Physical and Chemical Properties

Appearance	Liquid suspension
Colour	Teal Blue that may separates on standing
Odour	Not available
Odour Threshold	Not available
pH	3-4

Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	Not available
Flammability	Not flammable
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Density	1.15-1.25 g/cm3
Water Solubility	Miscible in water
Partition Coefficient	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Kinematic Viscosity	Not available
Particle Characteristics	Not available
Volatility	Not available
Evaporation Rate	Not available

## Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions
Possibility of hazardous reactions	No data available
Conditions to Avoid	No data available
Incompatible Materials	No data available
Hazardous Decomposition Products	No data available

## Section 11. Toxicological Information

### Acute Effects:

Swallowed	This product is not classified as acutely toxic
Dermal	This product is not classified as acutely toxic
Inhalation	This product is not classified as acutely toxic
Eye	Causes serious eye irritation
Skin	This product is not classified as skin irritant/corrosive

### Chronic Effects:

Carcinogenicity	This product is not classified as carcinogenic
Reproductive Toxicity	This product is not classified as toxic for reproduction
Germ Cell Mutagenicity	This product is not classified as mutagenic
Aspiration	This product is not classified as Asp Tox
STOT/SE	This product is not classified as STOT SE
STOT/RE	This product is not classified as STOT RE

### Individual component information:

#### Acute Toxicity:

Chemical Name	Oral – LD50	Dermal – LD50	Inhalation – LC50
Calcium Copper Edetate Tetrahydrate	>1740 mg/kg (rat)	-	-

## Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

### Product:

Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

## Section 13. Disposal Considerations

### Disposal Method:

Preferably dispose of product by use. Otherwise dispose of product, packaging and waste at an approved landfill or equivalent facility. **DO NOT** use container for any other purpose.

**Precautions or methods to avoid:** None known

## Section 14. Transport Information

This product is **NOT** classified as a **Dangerous Good** for transport in NZ ; NZS 5433:2020 and SNZ HB 5433:2021

## Section 15. Regulatory Information

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: **Veterinary Medicines (Limited Pack Size, Finished Dose) – HSR100757**

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	Not required
Emergency Response Plan	Not required
Secondary Containment	Not required
Restriction of Use	Only use for the intended purpose

## Section 16. Other Information

### Glossary

Cat	Category
EC50	Median effective concentration
EEL	Environmental Exposure Limit
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms
HSW	Health and Safety at Work
LC50	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it
LD50	Lethal dose to kill 50% of test animals/organisms
LEL	Lower explosive level
OSHA	American Occupational Safety and Health Administration
TEL	Tolerable Exposure Limit

TLV

Threshold Limit Value-an exposure limit set by responsible authority

UEL

Upper Explosive Level

WES

Workplace Exposure Limit

### References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2023 14th edition
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013)
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

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