

SAFETY DATA SHEET

Date of Issue: 1st July, 2024
Issue Number: 4

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT:	IntenSE Copper Chelate
OTHER NAMES:	-
USE:	Copper (as copper EDTA) for animal health.
COMPANY IDENTIFICATION :	Bell-Booth Limited 15 Tiki Place Palmerston North New Zealand tel +64 6 358 9052 fax + 64 6 358 9051 www.bell-booth.co.nz
Emergency Telephone Numbers:	0800 80 90 91 NATIONAL POISONS CENTRE POLICE, FIRE, AMBULANCE
	0800 764 766 Dial 111

2. HAZARDS IDENTIFICATION

Product is classified according to the Hazardous Substances (Hazard Classification) Notice 2020

HSNO Approval: HSR002521 Animal Nutritional and Animal Care Products Group Standard 2020.

HSNO Classifications: Skin irritation Category 2, Eye irritation Category 2, Skin sensitisation, Category 1; Specific target organ toxicity (repeated exposure) Category 2.

Pictograms:



Signal word: WARNING

Hazard Statements:

- H315 Cause skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Cause serious eye irritation.
- H373 May cause damage to organs through prolonged or repeated exposure.

Prevention Statements:

- P103 Read label before use.
- P260 Do not breathe mist/vapours.
- P264 Wash hands thoroughly after handling.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves and eye or face protection.

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Response Statements:

P314 Get medical advice/attention if you feel unwell.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P333 + P313 If skin irritation or rash occurs: Get medical advice.

P363 Wash contaminated clothing before reuse.

P305 + P351 + P338 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.

Storage Statements:

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Disposal Statements:

P501 Dispose of product and containers in compliance with local regulations.

3. COMPOSITION: INFORMATION ON INGREDIENTS

Common name	CAS. No	% w/w
Copper EDTA	14025-15-1	40
Other ingredients	Proprietary	Balance

4. FIRST AID MEASURES

If medical advice is needed, have product container or label at hand. For advice contact National Poisons Centre (tel. 0800 764 766) or a doctor.

EYES: Hold eyes open and carefully rinse eyes with running water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice if irritation persists.

SKIN: Wash affected area with soap and water. Get medical advice if irritation or rash occurs.

INGESTION: Rinse mouth. Do not induce vomiting. Get medical advice if feeling unwell.

INHALATION: If breathing is difficult, remove to fresh air, keep warm and at rest until recovered. If concerned or experiencing respiratory problems, call a Poison Centre or doctor.

FIRST AID FACILITIES: Eye wash and hand washing facilities.

ADVICE TO DOCTOR: Treat symptomatically.

5. FIRE FIGHTING MEASURES

FLASH POINT: Nonflammable.

FLAMMABLE LIMITS:LFL: Not determined UFL: Not determined

EXTINGUISHING MEDIA: Use water spray, dry agent, carbon dioxide or foam. Water spray or fog can be used to cool containers or on surrounding materials.

FIRE & EXPLOSION HAZARDS: Will emit toxic compounds (oxides of copper and nitrogen and other compounds) if heated to decomposition.

FIRE-FIGHTING EQUIPMENT: Wear self-contained breathing apparatus and personal protection clothing.

6. ACCIDENTAL RELEASE MEASURES

SPILLS: Contain spillage. Prevent from entering drains or other waterways. Wear overalls, boots, gloves and eye protection. Recover product and any contaminated materials to containers that can be sealed. If product cannot be re-used, dispose of to landfill.

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DISPOSAL: Use product as per label or bury in landfill.

7. HANDLING AND STORAGE

HANDLING: Read label before use. Use product according to label instructions for intended purpose only. Observe good personal hygiene. Wear personal protective equipment, e.g. overalls, boots, impervious gloves, and also eye protection if risk of splashes or aerosols. Wash hands after use and before rest or meal breaks. Launder contaminated protective clothing before re-use.

STORAGE: Keep out of reach of children and prevent access by pets/domestic animals. Store securely in dry, well-ventilated area, out of direct sunlight. Ensure containers are labelled, protect from physical damage, and keep closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES: Workplace Exposure Standards (WES) have not been set for this product (Workplace Exposure Standard and Biological Exposure Indices, edition 14, November 2023). However, copper has a workplace exposure standard.

Copper (CAS No 7440-50-8) WES-TWA 0.01 ppm (respirable dust, skin sensitizer)

ENGINEERING CONTROLS: Not required when used outdoors or in a well-ventilated area.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Face/Eye protection: Wear safety goggles, or glasses with side shields (AS/NZS1337) if risk of exposure to eyes.

Skin protection: Wear gloves, e.g. rubber gloves (AS/NZS 2161). Wear overalls to protect clothes from contamination and closed in footwear.

Respiratory protection: If risk of inhaling mist/aerosols, wear a suitable respiratory device compliant with AS/NZ 1715.

Other: Not required

General information: The following Standards provide general advice regarding safety clothing and equipment:

Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Occupational Protective Clothing: AS/NZS 4501, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Blue liquid
Odor:	Mild
Odor threshold:	Not available
pH:	6.0
Melting point (°C):	Not available
Boiling point (°C):	Not available
Flash point (°C):	Non flammable
Flammability (solid, gas):	Not applicable
Upper/lower flammability:	Not applicable
Vapour pressure:	Not available
Vapour density:	Not available
Density/specific gravity:	1.25
Solubility:	Soluble in water
Partition Coefficient: -octanol/water:	Not available.

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Autoignition temperature (°C): Not known
Decomposition temperature: Not known
Kinematic viscosity: Not available

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions (temperatures, pressure) of storage and use.

CONDITIONS TO AVOID: High temperatures, sunlight.

MATERIALS TO AVOID: Alkalies.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen and other unspecified compounds.

HAZARDOUS POLYMERIZATION: Not known to occur.

11. TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS: This section includes possible adverse effects, which might occur if this product is not handled in the recommended manner.

Acute toxicity: May be harmful if inhaled. If ingested may cause nausea or other gastrointestinal disturbances. Symptoms of acute poisoning includes symptoms of vomiting, gastric pain, dizziness, convulsions, shock, coma and possible death.

Aspiration hazard: No information available to indicate aspiration hazard.

Respiratory irritation: Not classified.

Skin corrosion/irritation: Skin irritant.

Serious eye damage/irritation: Severe eye irritant.

Respiratory or skin sensitization: Copper EDTA classified as contact sensitizer.

Germ cell mutagenicity: Not classified.

Carcinogenicity: Not classified.

Reproductive toxicity: Not classified.

Specific organ toxicity: May cause damage to organs/systems through prolonged or repeated exposure based on copper content. Chronic health effects can include kidney damage, enlargement of liver, jaundice and affect stomach.

Narcotic effects: No information available.

Toxicity data: Not available.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Aquatic environment: May be harmful to the aquatic environment with long-lasting effects. Use product only according to label instructions.

Soil environment: Not classified.

Terrestrial vertebrates: Not classified.

Terrestrial invertebrates: Not classified.

Ecotoxicological data: Not available.

PERSISTENCE AND DEGRADATION: Product contains copper.

POTENTIAL TO BE BIOACCUMULATIVE: No information available to indicate bioaccumulative effects.

MOBILITY IN SOIL: This product is soluble in water.

OTHER ADVERSE EFFECTS: No specific information available.

13. DISPOSAL CONSIDERATIONS

Product: Use product as per label directions. Dispose of waste (unwanted product or residues) to landfill in accordance with Regional Authority or local council bylaws.

Packaging: Dispose of empty packaging by crushing and burying in landfill. Do not use for storage of other products.

Special Precautions: No specific information available.

Unsuitable methods: Do not dispose of into drains, sewers or other waterways.

14. TRANSPORT REGULATIONS

Road and Rail Transport		Marine Transport		Air Transport	
UN No.	Non-regulated	UN No.	Non-regulated	UN No.	Non-regulated
Proper Shipping Name		Proper Shipping Name		Proper Shipping Name	
DG Class		DG Class		DG Class	
Sub. Risk		Sub. Risk		Sub. Risk	
Pack Group		Pack Group		Pack Group	
Hazchem		Hazchem			

Dangerous Goods Segregation

This product is not classified as a Dangerous Good.

Please consult the Land Transport Rule: Dangerous Goods 2010, and NZS 5433:2020 Transport of Dangerous Goods on Land for information.

15. REGULATORY INFORMATION

Country: New Zealand

Inventory: Components listed.

EPA New Zealand HSNO Approval Code: HSR002521 Animal Nutritional and Animal Care Products Group Standard 2020.

Safety Data Sheet:	Any quantity
Restricted to workplace only:	No
Quantity that requires management in accordance with HSW HS Regulations:	-
Quantity for secondary containment and emergency response plan:	-
Quantity for signage:	-

For information on Controls refer to www.epa.govt.nz and www.worksafe.govt.nz.

16. OTHER INFORMATION

Date of Issue: 1st July 2024
Reasons for Issue: 5-year review.
Replaces: SDS dated 26th June 2019.

Abbreviations:

AS	Australian Standard
bw	body weight
EEL	Environmental Exposure Limit
EPA	Environmental Protection Authority
GHS	Global Harmonized System
HS	Hazardous Substance

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HSNO	Hazardous Substances and New Organisms
LD ₅₀	Dose lethal to 50% of population
NOAEL	No observed adverse effect level
NZS	New Zealand Standard
SDS	Safety Data Sheet
TWA	Time weighted average
WES	Workplace Exposure Standard

References: Supplier Safety Data Sheets
CCID; www.epa.govt.nz

Other information:

Before using any product, read its label carefully and ensure that you understand its contents. This information is, to the best of our knowledge and belief, accurate and reliable at the date of publication. The information relates only to the specific material designated and may not be valid for such material if it is used in combination with any other material(s). Bell-Booth Limited disclaims any liability for loss or damage suffered from the use of this information. This does not affect your statutory rights. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for his/her own particular use.

END of SAFETY DATA SHEET