



SAFETY DATA SHEET

Date of Issue: 26th June, 2019

Issue Number: 3

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: IntenSE Copper Chelate

OTHER NAMES: -

USE: Copper (as the EDTA chelate) 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 POISON CENTRE 0800 764 766
POLICE, FIRE, AMBULANCE Dial 111

2. HAZARDS IDENTIFICATION

Product is classified as hazardous according to the NZ Hazardous Substance (Classification) Notice 2017.

HSNO Approval: HSR002521 Animal Nutritional and Animal Care Products Group Standard 2017.

HSNO Classifications: 6.1E (inhalation), 6.3A, 6.4A, 6.5B, 6.9B, 9.1D.

Pictograms:



Signal word: WARNING

Hazard Statements:

H333 May be harmful if inhaled.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

P319 Causes serious eye irritation.

H373 May cause damage to organs/systems through repeated or prolonged exposure.

H402 Harmful to aquatic life.

Prevention Statements:

P102 Keep out of reach of children.

P103 Read label before use.

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P260 Do not breathe mist/vapours.
P264 Wash hands thoroughly after handling.
P272 Contaminated clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear eye protection and gloves.

Response Statements:

P101 If medical advice is needed, have product container or label at hand.
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 re-use.
P304 + P312 IF INHALED: Call a Poison Centre or doctor if you feel unwell.
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

* do not affect classification of mixture

4. FIRST AID MEASURES

If medical advice is needed, have product container or label at hand. For medical 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 immediate medical advice.

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

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

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 a 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 spill. Prevent from entering drains or other waterways. Wear protective clothing, gloves and eye protection. Recover protect and any contaminated materials to containers that can be sealed. If product cannot be re-used, dispose of to landfill.

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

7. HANDLING AND STORAGE

HANDLING: Read label before use. Observe good personal hygiene. Wear personal protective equipment. Do not breathe mist or vapour. Wash hands after use and before rest or meal breaks. Launder contaminated protective clothing before re-use.

STORAGE: **Keep out of reach of children.** Store securely in dry, well ventilated area and away from incompatible materials and foodstuffs. Ensure containers labelled, protect from physical damage and keep closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES: Workplace Exposure Standards (WES) have been set for components in this product.

Copper (Cu), dust and mists) WES-TWA 1 mg/m³

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

PERSONAL PROTECTIVE EQUIPMENT (PPE):

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

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

Respiratory protection: If risk of inhaling mist, wear a suitable respiratory device compliant with AS/NZ 1715. Wear half face mask fitted with cartridge (BP >65°C).

Other: Not required

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
Relative density:	1.25
Solubility:	Soluble in water
Partition Coefficient: -octanol/water:	Not available.
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 and incompatible substances.

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: May be irritating if inhaled.

Skin corrosion/irritation: Irritating to skin.

Serious eye damage/irritation: Causes serious eye damage.

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.

Other health effects: not available.

Toxicity data: Not available.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Aquatic environment: Harmful to aquatic life; biocidal effects classification.

Soil environment: Not classified.

Terrestrial vertebrates: Not classified.

Terrestrial invertebrates: Not classified.

Ecotoxicological data on components: No additional information available.

PERSISTENCE AND DEGRADATION: No information available to indicate ingredients persistent in environment. Copper EDTA contains metallic compound.

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

MOBILITY IN SOIL: 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.

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Packaging: Triple rinse empty container and use washings for makeup water in spray tank. Dispose of empty rinsed containers 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.	Not regulated	UN No.	Not regulated	UN No.	Not 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 2005, and NZS 5433:2012 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 2017.

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

16. OTHER INFORMATION

Date of Issue: 26th June 2019

Reasons for Issue: Review product classifications and update of SDS format.

Replaces: SDS dated 23rd April 2014.

Abbreviations:

EEL	Environmental Exposure Limit
EPA	Environmental Protection Authority
LD ₅₀	Dose lethal to 50% of population
NZS	New Zealand Standard
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

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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