

SAFETY DATA SHEET

Date of Issue: 5th March 2024
Issue Number: 5

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT:	Maxicrop Triple Mix	
OTHER NAMES:	-	
USE:	Micronutrient fertiliser	
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 as hazardous according to the Hazardous Substance (Hazard Classification) Notice 2020.

HSNO Approval:
HSR002571 Fertilizers (Subsidiary Hazard) Group Standard 2020.

Hazard Classifications:
Eye irritation Category 2.

Pictograms:



Signal word: WARNING

Hazard Statements:
H319 Causes serious eye irritation.

Prevention Statements:
P103 Read label before use.
P264 Wash hands thoroughly after handling.
P280 Wear eye protection and gloves.

Response Statements:
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/irritation.

Storage Statements:

-

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

3. COMPOSITION: INFORMATION ON INGREDIENTS

Common name	CAS. No	% w/w
Seaweed extract	proprietary	10 - 20
Urea	57-13-6	5 - 10
Ammonium phosphate compound	proprietary	1 - 5
Betaine	107-43-7	1 - 5
Chelated metal compounds	proprietary	1 - 3
Preservative agent	proprietary	< 0.5
Other ingredients *	proprietary	balance

* do not affect classification of mixture

4. FIRST AID MEASURES

For advice contact National Poisons Centre (tel. 0800 764 766) or a doctor. Have product container or label at hand.

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 attention or advice if irritation persists.

SKIN: Wash affected area with soap and water. Get medical advice if irritation or rash occurs. Wash contaminated clothing before re-use.

INGESTION: Rinse mouth. Give a glass or two of water to drink. Do not induce vomiting. Get medical advice if person feels 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 (carbon oxides, nitrogen oxides 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. Absorb with sand or soil, or recover to containers that can be sealed. If product cannot be re-used, dispose of to landfill. Wash down area with plenty of water.

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

7. HANDLING AND STORAGE

HANDLING: Read label before use. Observe good personal hygiene. Wear gloves. Wear gloves if risk of splashing into eyes. Wash hands after use and before rest or meal breaks.

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STORAGE: Store in dry, well-ventilated area and away from incompatible materials and foodstuffs. 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 by Worksafe (November 2024) for ingredients in this product.

ENGINEERING CONTROLS: Not required.

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

Respiratory protection: Not required when used outdoors and with adequate natural ventilation.

Other: 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:	Black/dark reddish brown liquid
Odor:	Slightly earthy
Odor threshold:	Not available
pH:	7.7 – 8.3
Melting point (°C):	Not available (mixture)
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:	1.1 – 1.2
Solubility:	Miscible in water
Partition Coefficient: -octanol/water:	Not available.
Autoignition temperature (°C):	Not known
Decomposition temperature:	Not known
Kinematic viscosity:	Not available
Particle characteristics:	Not available.

10. STABILITY AND REACTIVITY

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

CONDITIONS TO AVOID: Storage in direct sunlight.

MATERIALS TO AVOID: Oxidizing materials, acids.

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.

Hazardous classifications are determined from mixture calculations based on available information on the components.

Acute toxicity: Not classified as a toxicant. Ingestion of large amounts may cause gastrointestinal disturbances.

Aspiration hazard: No information available to indicate aspiration hazard.

Respiratory irritation: May irritate upper respiratory tract if exposure prolonged.

Skin corrosion/irritation: Mildly irritating to skin.

Serious eye damage/irritation: Serious irritant to eyes. Direct contact may cause redness, tearing and temporary swelling.

Respiratory or skin sensitization: Not classified as sensitizer.

Germ cell mutagenicity: Not classified.

Carcinogenicity: Cobalt sulphate is present in a low amount and is a carcinogen.

Reproductive toxicity: Not classified.

Specific organ toxicity: Not classified.

Narcotic effects: No information available.

Toxicity data:

Urea Cattle, LD₅₀ 510 mg/kg bw

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Aquatic environment: Not classified.

Soil ecotoxicity: Not classified.

Terrestrial vertebrates: Not classified.

Terrestrial invertebrates: Not classified.

Ecotoxicological data on components: No information available.

PERSISTENCE AND DEGRADATION: No information available to indicate ingredients are persistent in the environment.

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

MOBILITY IN SOIL: Product is miscible 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 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.

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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 Class.

Please consult the Land Transport Rule: Dangerous Goods 2005, 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: HSR002571 Fertilizers (Subsidiary Hazard) Group Standard 2020.

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

16. OTHER INFORMATION

Date of Issue: 5th March 2024

Reasons for Issue: Update to hazard classifications to GHS categories and review of SDS

Replaces: 8th February 2019

Abbreviations:

bw	body weight
EEL	Environmental Exposure Limit
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms
LD ₅₀	Dose lethal to 50% of population
NOAEL	No observed adverse effect level
NZS	New Zealand Standard
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