

SAFETY DATA SHEET

According to
HSNO Hazardous Substances (Safety Data Sheets) Notice 2017

Section 1. Identification of the material and the supplier

Product: **Bell-Booth Trifecta PKE**
 Product Use: Mineral Supplement

Pack Sizes:
 Restriction of Use: 20L, 100L, 200L & 1000L
 Refer to Section 15

New Zealand Supplier:
 Address: **Bell-Booth Limited**
 15 Tiki Place
 Palmerston North
 New Zealand

Telephone: +64 6 358 9052
Emergency No: 0800 764 766 (National Poison Centre)

Date of SDS Preparation: 9 September 2026

Section 2. Hazards Identification

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

EPA Approval No: Animal Nutritional Products – HSR002521

Pictograms



Signal Word: **Warning**

GHS Classification and Category	Hazard Code	Hazard Statement
Skin sensitisation Cat. 1	H317	May cause an allergic skin reaction.
Carcinogenicity Cat. 2	H351	Suspected of causing cancer.
Reproductive toxicity Cat. 2	H361	Suspected of damaging fertility or the unborn child.
Specific target organ toxicity – repeated exposure Cat. 2	H373	May cause damage to organs through prolonged or repeated exposure.
Hazardous to the aquatic environment chronic Cat. 2	H411	Toxic to aquatic life with long lasting effects.

Prevention Code	Prevention Statement
P103	Read carefully and follow all instructions.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe spray if aerosolised.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment [if this is not the intended use].
P280	Wear protective clothing [as detailed in SDS Section 8].

Response Code	Response Statement
P314	Get medical advice/attention if you feel unwell.
P391	Collect spillage.
P302 + P352	IF ON SKIN: Wash with plenty of water.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash before reuse.

Storage Code	Storage Statement
P405	Store locked up.

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Cobalt Sulphate Heptahydrate	<3	10026-24-1
Sodium Selenate	<1	13410-01-0
Ingredients not triggering final classification	To bal	

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	Take off contaminated clothing and wash before reuse. Wash with plenty of soap and water. If skin irritation or rash occurs: get medical advice/attention.
If Swallowed	Rinse mouth. Give a glass or two of water to drink. Do not induce vomiting. Get medical advice if person feels unwell.
If Inhaled	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.

Most important symptoms and effects, both acute and delayed

Symptoms:

Ingestion:	Not applicable.
Inhalation:	Not applicable.
Skin:	May cause an allergic skin reaction.
Eye:	Not applicable.
Chronic:	May cause damage to organs through prolonged or repeated exposure. Suspected of causing cancer. Suspected of damaging fertility or the unborn child.

Advice to Doctor: Treat symptomatically.

Section 5. Fire Fighting Measures

Hazard Type	Non-Flammable
Hazards from combustion products	Will emit toxic compounds (e.g. oxides of cobalt and selenium oxides and other compounds) if heated to decomposition.

Suitable Extinguishing media	Use water spray, water fog, dry agent, carbon dioxide or foam. Water spray or fog can be used to cool containers or on surrounding materials.
Precautions for firefighters and special protective clothing	Wear self-contained breathing apparatus and personal protection clothing.
HAZCHEM CODE	3Z

Section 6. Accidental Release Measures

For emergency responders:

Wear protective equipment as detailed in Section 8. Clear area of any unprotected personnel. Avoid contact with skin and eyes. Ensure adequate ventilation.

Environmental precautions:

Keep product away from drains, surface and underground water. If large spills occur notify local authorities.

Methods and material for containment and cleaning up:

Absorb the spillage using sand or inert absorbent and place into a container for disposal. If product cannot be re-used, dispose. Refer to Section 13 for disposal information.

Section 7. Handling and Storage

Precautions for Handling:

- Read carefully and follow all instructions.
- Do not handle until all safety precautions have been read and understood.
- Do not breathe fumes, vapours or spray.
- Contaminated work clothing should not be allowed out of the workplace.
- Avoid release to the environment.
- Wear protective clothing [as detailed in SDS Section 8].
- Avoid contact with skin and eyes.
- Do not eat, drink or smoke when using.
- Launder contaminated protective clothing before re-use.

Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Keep out of reach of children and prevent access by pets/domestic animals.
- Store locked up in dry, well-ventilated area, out of direct sunlight.
- Avoid extremes of heat; store between 20°C and 40°C.
- Ensure containers are labelled, protect from physical damage, and keep closed when not in use.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³

No ingredients have 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 Feb 2025 15TH EDITION.

Engineering Controls

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

Personal Protection Equipment



Eyes	Wear safety goggles, or glasses with side shields (AS/NZS1337) if risk of exposure to eyes.
Skin	Wear gloves, e.g. rubber gloves (AS/NZS 2161). Wear overalls to protect clothes and closed in footwear.
Respiratory	If risk of inhaling dust, wear a suitable respiratory device for particulates compliant with AS/NZ 1715.
General	Wash hands after handling.

Section 9 Physical and Chemical Properties

Appearance	Liquid
Colour	Pale red
Odour	Mild
Odour Threshold	Not available
pH	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 applicable
Vapour Pressure	Not available
Vapour Density	Not available
Relative density	1.01 g/ml
Water Solubility	Soluble in water
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Kinematic Viscosity	Not available
Particle Characteristics	Not applicable

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	High temperatures and incompatible substances.
Incompatible Materials	Alkalis.
Hazardous Decomposition Products	Oxides of cobalt and selenium and other unspecified compounds.

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	This product is not classified as an eye irritant/corrosive.
Skin	May cause an allergic skin reaction.

Chronic Effects:

Carcinogenicity	Suspected of causing cancer.
Reproductive Toxicity	Suspected of damaging fertility or the unborn child.
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	May cause damage to organs through prolonged or repeated exposure.

Section 12. Ecotoxicological Information

Toxic to aquatic life with long lasting effects.

Product:	
Persistence and degradability	Mineral salts contain metallic compounds.
Bioaccumulation	Bioaccumulative risk in aquatic life.
Mobility in Soil	Mineral compounds in this product are soluble in water.
Other adverse effects	No data available

Ecotoxicological data on components:

Cobalt sulphate	Pimephales promelas (Fathead minnow) LC50 (96 hr) 3.61 mg/L Salmo gairdneri LC50 (96 hr) 1.5 mg/L
Sodium selenate	Pimephales promelas (Fathead minnow) LC50 (96 hr) 0.69 mg/L Daphnia magna, LC50 (48 hr) 0.39 mg/L Selenastrum capricornutum (green alga) EC50 0.2 mg/L Gammarus pseudolimnaeus (scud) LD50 0.083 mg/L

Do not allow to enter waterways.

Section 13. Disposal Considerations

Disposal Method:

Use product as per label directions. Dispose of waste (unwanted product or residues) to landfill in accordance with Regional Authority or local council bylaws. Dispose of empty packaging by crushing and burying in landfill. Do not use for storage of other products.

Free Recycling:



Agrecovery.co.nz

Precautions or methods to avoid: Do not dispose of into drains, sewers or other waterways.

Section 14 Transport Information

This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2020 and SNZ HB 5433:2021



Road, Rail, Sea and Air Transport

UN No	3082
Class - Primary	9
Packing Group	III

Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S (Sodium Selenate, Cobalt Sulphate)
Marine Pollutant	Yes
Special Provisions	If the product's individual container is below 5L/kg, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG.

Section 15 Regulatory Information

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

EPA Approval Code: Animal Nutritional Products – HSR002521

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	1000L
Emergency Response Plan	1000L
Secondary Containment	1000L
Restriction of Use	Only use for the intended purpose.

Section 16 Other Information

Glossary

Cat	Category
EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	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 Feb 2025 15th 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

Disclaimer

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Please contact the New Zealand distributor, if further information is required.

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