



## Mega Tonic Mineral Mix - Safety Data Sheet

### 1 - IDENTIFICATION

<b>Product Name</b>	Mega Tonic	
<b>Recommended Use</b>	Mineral supplement for sheep, beef, cattle, dairy, and deer	
<b>Supplier</b>	<b>Location</b>	<b>Telephone</b>
Fertilizer New Zealand Limited	52 Ranzau Road, Hope, 7020, New Zealand	03 541 0287
Fertilizer New Zealand Limited	21 Lady Barkly Road, Winton, 9782, New Zealand	03 236 8887
<b>Email</b>	info@fertainz.co.nz	
<b>Website</b>	www.fertainz.co.nz	
<b>Emergency Contact</b>	<b>The National Poison Centre, New Zealand</b>	<b>0800 764 766 (0800 POISON)</b>

### 2 - HAZARDS IDENTIFICATION

<b>Dangerous Goods</b>	Not classified as a Dangerous Goods according to NZS 5433:1999 Transport of Dangerous Goods on Land.
<b>Hazardous Goods</b>	Classified as Hazardous Goods according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.
<b>HSNO Classifications</b>	6.1D – Substances that are acutely toxic 6.3B – Substances that are mildly irritating to the skin 8.3A – Substances that are corrosive to ocular tissue 6.5A – Substances that are respiratory sensitizers 6.5B – Substances that are contact sensitizers 6.7B – Substances that are known or presumed human carcinogens 6.8B – Substances that are suspected human reproductive or developmental toxicants 6.9B – Substances that are harmful to human target organs or systems 9.1B – Substances that are ecotoxic in the aquatic environment

## GHS Pictogram



### Precautionary Statements

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Do not breath vapours/spray.  
Wash hands thoroughly after handling  
Do not eat, drink, or smoke when handling this product.  
Use only outdoors, or in a well-ventilated area.  
Contaminated clothing should not be allowed out of the workplace.  
Avoid release into the environment.  
Wear protective gloves, clothing, eye/ face protection.  
In case of inadequate ventilation, wear respiratory protection.

## 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS No.	Proportion
Zinc Sulphate	7446-20-0	3.93%
Copper Sulphate	7758-99-8	1.23%
Manganese Sulphate	10034-96-5	0.74%
Cobalt Sulphate	10026-24-1	0.25%
Sodium Polyborate	12280-03-4	0.25%
Sodium Selenate	13410-01-0	0.12%
Chromium Sulphate	7788-99-0	0.03%
Sodium Molybdate	7631-95-0	0.02%
Nickel Sulphate	10101-97-0	0.02%
Magnesium Sulphate	10034-99-8	4.92%
Water and other non-hazardous components		88.49%

## 4 – FIRST AID MEASURES

For advice, contact **The National Poisons Information center (Phone 0800 764 766)** or a doctor and have the product label on hand.

<b>Swallowed</b>	If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway. Seek medical advice
<b>Skin Contact</b>	Immediately remove contaminated clothing and wash before next use. Flush skin and hair with running water (and soap if available). Seek medical advice.
<b>Eye Contact</b>	If this product comes into contact with eyes, wash out immediately with water. If irritation continues, seek medical attention.

Inhaled	If irritation occurs, remove the victim from the area of exposure - avoid becoming a casualty. Seek medical advice if effects persist.
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## 5 - FIRE FIGHTING MEASURES

Specific Hazard	May evolve gases under extreme fire conditions.
Suitable Extinguishing Media	Based on surrounding materials.
Fire-Fighting Advice	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing.

## 6 - ACCIDENTAL RELEASE MEASURES

Spills	Do not allow the product to enter drains, sewers, or waterways. Remove leaking containers to detached area. Bund spill area, absorbs spilled product with inert material (e.g., sand, etc.) Dispose of waste in accordance with local authority bylaws.
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## 7 - HANDLING AND STORAGE

Handling Advice	Do not handle until all safety instructions have been read and understood. Wear eye/face protection. In case of inadequate ventilation wear respiratory protection.
Storage	Store in original container in a cool, dry, well-ventilated place and out of direct sunlight. Keep containers closed when not in use - check regularly for leaks.

## 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits	No limits set for this specific substance.
Engineering Controls	Provided exhaust ventilation or other engineering controls to keep airborne concentrations of vapours below their respective threshold limit value.
Personal Protection Equipment	Wear protective clothes, glasses, and waterproof gloves

## 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Brown liquid
Odour	Sweet odour
Solubility	Soluble in water
Flash point (°C)	Not applicable
Specific Gravity (kg/L)	1.1

<b>pH</b>	3.5 – 3.9
<b>Boiling Point (°C) Estimated</b>	100

## 10 - CHEMICAL STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions of use.
<b>Conditions to Avoid</b>	Freezing temperatures – May crystallize. Extreme heat – May decompose on heating emitting toxic fumes.
<b>Incompatible Materials</b>	None known.

## 11 - TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheets and the product label. Symptoms that may arise if the product is mishandled and overexposure occurs are:

<b>Swallowed</b>	Product contains low concentrations of minerals known to be acutely toxic.
<b>Inhalation</b>	Product may cause respiratory irritation, distress, or asthma.
<b>Dermal</b>	Product is a mild irritant which may cause allergic reactions
<b>Carcinogenicity</b>	Product is suspected of being carcinogenic
<b>Reproductive Effects</b>	Product is suspected of causing damage to fertility or unborn child
<b>Chronic Effects</b>	Product may cause organ damage.
<b>Eye</b>	Product may cause eye irritant.

## 12 - ECOLOGICAL INFORMATION

<b>ERMA Classification</b>	9.1B
<b>Ecotoxicity</b>	Toxic to aquatic life with long lasting effects
<b>Bioaccumulation</b>	Product contains bioaccumulate ingredients Avoid contamination of waterways.

## 13 - DISPOSAL CONSIDERATIONS

Dispose or recycle in accordance with Hazardous Substances (disposal) Regulations 2001 and local authority bylaws.

## 14 - TRANSPORT INFORMATION

<b>Proper Shipping Name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S,
<b>UN Number</b>	3082

<b>DG Class</b>	9
<b>Subsidiary Risk Class</b>	None
<b>Packing Group</b>	II
<b>HAZCHEM Code</b>	2X

## 15 - REGULATORY INFORMATION

### Regulations

Animal Nutritional and Animal Care Products Group Standard HSNO Approval Number: HSR002521

## 16 - OTHER INFORMATION

<b>Revised Date</b>	<b>Reason for Revision</b>
June 2024	Update Emergency Contact

**Additional information:** Directions for use can be found on the label.

### Glossary

**CAS No:** Chemical Abstract Services Number, used to uniquely identify chemical compounds.

**HSNO:** Hazardous Substances and New Organisms (legislation 1996)

### Disclaimer

All reasonably practicable steps have been taken to ensure this SDS, the health, safety and environmental information contained in it is accurate as specified at the date of issue.

This information and product are furnished on the condition that the person receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the conditions under which the product may be used. Each person prior to usage must assess and control the risks arising from the use of this product.