

# VETPAK SAFETY DATA SHEET

## Section 1: Identification of the Substance or Mixture and of the Supplier

**Product Name:** TRI-CAL PLUS

**Other Names:** Ca 2 Go, Calcium Booster

**Recommended Use:** A ready to use liquid calcium supplement for dairy cows needing a source of bio-available calcium at or before calving.

**Company Details:** Vetpak Ltd.

**Address:** 249 Bruce Berquist Drive Te Awamutu.

**Telephone Number:** (07) 870 2024

**Emergency Telephone Number: (0800) 764-766 24 hours.** National Poisons Centre, Department of Preventative and Social Medicine, University of Otago, P O Box 913, Dunedin, New Zealand. Phone (07) 870 2024 Vetpak. 8.00am to 5.00pm Monday to Friday except public holidays.

**Date of Preparation:** 19<sup>th</sup> September 2019

## Section 2: Hazards Identification

### STATEMENT OF HAZARDOUS NATURE

This product is generally recognized as safe (non-hazardous) IN THIS FORM AND AT THIS STRENGTH. Handle correctly and as directed by this SDS.

This is the products **end** use.

### HAZARD LABELLING WARNING

N/A

### HAZARD CLASSIFICATION AND STATEMENTS

HSNO	HSNO	GHS	Signal Word	GHS Hazard Statement
N/A				
N/A				

## Section 3: Composition / Information on Ingredients:

### COMPOSITION

Ingredient	CAS Number	% w/w	HAZARDOUS
Water	7732-18-5	30-60	No
Sorbitol 70	50-70-4	10-30	Yes 6.1D
Tricalcium Phosphate	7758-87-4	10-30	Yes 6.1E; 9.1D
Calcium chloride flake	10043-52-4	<5	Yes 6.1D; 6.1E; 6.3A; 6.4A; 9.3C
Calcium carbonate	1317-65-3	<5	No
Vetmag Ultrafine (Trace mixture)	None	<5	No
Electrolyte (mixture)	None	<5	No
Seaweed Powder	84775-78-0	<1	No
Wetting Agent	68439-50-9	<1	Yes 6.1E; 6.3B; 8.3A; 9.1A
Suspension Agent	11138-66-2	<1	No
Monopropylene Glycol	57-55-6	<1	No
Panapple essence	25322-69-4	<1	Yes 6.1D; 6.4A; 9.3C

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## Section 4: First Aid Measures:

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**Swallowed:** Rinse mouth out with water. Give plenty of water to drink. DO **NOT** induce vomiting. If symptoms persist, contact a doctor.

**Skin:** If irritation occurs, wash affected area with non-abrasive soap and plenty of water.

**Eye:** Flush eyes with plenty of water holding eyelids open. If irritation persists, seek medical attention.

**Inhaled:** Nil

**Workplace Facilities:** Eye bath and running water.

**Notes for Medical Personnel:** Treat symptomatically.

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## Section 5: Fire Fighting Measures

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**Type of Hazard:** Non-flammable.

**Fire Hazard Properties:** Contain runoff from fire control or dilution water.

**Extinguishing Media & Methods:** Use extinguishing media most suitable for surrounding fire conditions.

**Recommended Protective Clothing:** As required for surrounding fire conditions.

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## Section 6: Accidental Release Methods

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**Procedures to be covered:** Soak up spilled product using absorbent non-combustible material such as sand or soil. When saturated, collect material into suitable, labeled, sealable, chemical waste containers and hold for safe disposal.

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## Section 7: Handling and Storage

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**Handling:** No specific handling practices.

**Store Site Requirements:** Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage. Store at room temperature

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## Section 8: Exposure Controls / Personal Protection

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**Workplace Exposure Standards:** None

**Engineering Controls:** Eye bath and running water.

**Personal Protective Equipment (PPE):** EYES: Chemical splash goggles (AS1336/1337) when handling large quantities.



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## Section 9: Physical and Chemical Properties

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**Appearance (physical state, colour etc.):** Liquid

**Odour:** No data

**pH:** No data

**Melting Point/Freezing Point (°C):** No data

**Flammability:** Not flammable

**Relative Density:** No data

**Solubility in Water:** Soluble.

**Specific Gravity:** No data

**Viscosity:** No data

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## Section 10: Stability and Reactivity

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**Stability of the Substance:** Product is stable under normal conditions of use and storage.

**Conditions to avoid:** Avoid excessive heat.

**Material to avoid:** None

**Hazardous decomposition Products:**

**Hazardous polymerization:** Does not occur.

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## Section 11: Toxicological Information

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**Acute Effects:**

**Swallowed:** Ingestion of large amounts may irritate the gastric tract causing nausea and vomiting.

**Skin:** No adverse effects are expected under normal use conditions.

**Eye:** May cause slight to moderate eye irritation in sensitive individuals.

**Inhaled:** Unlikely.

**Chronic Effects:**

**Chronic Toxicity:** Not known.

**Irritation/Corrosion:** Not known.

**Carcinogenicity:** Not considered to be a carcinogen.

**Mutagenic Effects:** Not suspected of causing genetic defects.

**Reproductive or developmental effects:** Not known.

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## Section 12: Ecological Information

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**Potential Environmental Considerations:** Not known to be hazardous to the environment. Avoid release to waterways, sewers and storm water drains.

**Ecotoxicity:** No data available

**Persistence and degradability:** This product is biodegradable.

**Bioaccumulation:** Not likely.

**Products of Biodegradation:** No Data

**Toxicity of the Products of Biodegradation:** No Data

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## Section 13: Disposal Considerations

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**Disposal Information:** Dispose of in accordance with all local, and regional regulations.

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## Section 14: Transport Information

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**Hazard Class:** None

**UN Number:** None

**Packing Group:** None

**Hazchem Code:** None

**Land Transport:** Check regulations

**Sea Transport:** Check regulations

**Air Transport:** Check regulations

**Other Information:**

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## Section 15: Regulatory Information

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**HSNO Approval Number:** None

**HSNO Classifications:** None

**Regulatory status:**

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## Section 16: Other Information

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### Interpretation and Abbreviations

Controls applying to a substance:

- \* denotes that changes have been made to these controls, further information on these changes is located in the transfer notice for that substance,
- ( R ) abbreviation for the term Regulation of the Hazardous Substances regulations

EC50 – Half maximal effective concentration. The concentration of a toxicant which induces a response halfway between the baseline and maximum after a specified exposure time.

IARC – International Agency for Research on Cancer.

LOEL – Lowest Observed Effect Level.

LD<sup>50</sup> – Lethal Dose sufficient to kill 50 percent of the test population within a certain time

LD<sub>LO</sub> – Lethal Dose Low (the lowest dosage per unit of bodyweight of a substance known to have resulted in fatality in a particular animal species).

MAK – Maximum workplace concentration in the workplace air that generally does not have known adverse effects on the health of the employee nor cause unreasonable annoyance when a person is repeatedly exposed during long periods, usually 8 hours daily, 40hour working week).

NOEC – No Observed Effect Concentration.

NTP – National Toxicology Program.

NZIoC – New Zealand Inventory of Chemicals.

PEL – Permissible exposure limit.

PPE – Personal Protective Equipment.

STEL – Short term exposure limit.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

**Date of Preparation/Review:** 19<sup>th</sup> September 2019

### Sources of key data used to compile the datasheet:

Manufacturers SDS

NZ EPA CCID

Health and Safety at Work (Hazardous Substances) Regulations 2017

Hazardous Substances (Minimum Degrees of Hazard) Notice 2017

Hazardous Substances (Safety Data Sheets Notice 2017

Hazardous Substances (Classification) Notice 2017

Labelling of Hazardous Substances Technical Guide 2012

### DISCLAIMER

*The information contained in this safety data sheet was obtained from current and reliable sources.*

*This data is supplied without warranty, expressed or implied, regarding its correctness and accuracy.*

*It is the user's responsibility to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense resulting from improper use of this product.*

**END OF SDS**