

# VETPAK SAFETY DATA SHEET

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

**Product Name:** Magnesium 50 – Liquid Magnesium

**Other names:** Calcined Caustic Magnesia, Magnesium Oxide.

**Recommended Use:** A ready to use magnesium feed supplement suitable for applying to hay, silage, other feedstuffs or oral drenching.

**Company Details:** Vetpak Ltd.

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

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

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

**Date of Preparation:** 20<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.

### 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
Magnesium oxide	1309-48-4	30-60	No
Sorbitol 70	50-70-4	<10	Yes 6.1D
Monopropylene Glycol	57-55-6	<1	No
Xanthum Gum	11138-66-2	<1	No
Chemidet 24-7N/90	98439-50-9	<1	Yes 6.1E; 6.3B; 8.3A; 9.1A
Potassium Sorbate	24634-61-5	<1	Yes 6.1E; 6.4A
Seaweed Powder	84775-78-0	<1	No

## Section 4: First Aid Measures:

**Swallowed:** Rinse mouth out with plenty of water. If irritation or discomfort persists, seek medical attention.

**Skin:** If product comes in contact with the skin, wash affected area with soap and water. Seek medical attention in the event of irritation.

**Eye:** Hold the eyes open and wash continuously for at least 15 minutes with fresh running water. Ensure irrigation under eyelids by occasionally lifting the upper and lower lids. Transport to doctor or hospital without delay.

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**Inhaled:** Remove victim from exposure to fresh air. If rapid recovery does not occur, consult a doctor.

**Workplace Facilities:** Eye bath and normal washroom facilities.

**Notes for Medical Personnel:** Nil.

## Section 5: Fire Fighting Measures

**Type of Hazard:** Not flammable.

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

**Extinguishing Media & Methods:** Use media appropriate to the surrounding fire.

**Recommended Protective Clothing:** Use protective clothing appropriate to the surrounding fire.

## Section 6: Accidental Release Methods

Contain and sweep/shovel up spills with binding material. Transfer to a suitable, labeled container and hold for safe disposal. Do not let product reach drains or waterways.

## Section 7: Handling and Storage

**Handling:** Ensure an eye bath and safety shower are available and ready for use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

**Storage:** Store in original labelled packaging and 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.

## Section 8: Exposure Controls / Personal Protection

**Workplace Exposure Standards:** Nil

**Engineering Controls:** Ensure an eye bath and running water are available and ready for use.

**Personal Protective Equipment (PPE):** RESPIRATORY: Wear a respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. EYE/FACE: Chemical goggles. HAND: Impervious gloves. SKIN/BODY: Overalls, safety shoes.



**General hygiene:** Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling.

## Section 9: Physical and Chemical Properties

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

**Odour:** No data

**pH:** No data

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

**Boiling Point (°C):** No data

**Flash Point (°C):** No data

**Flammability:** Not flammable

**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:** Stable under normal conditions of storage.

**Conditions to avoid:** Avoid excessive heat, moisture and high temperatures.

**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:** Regarded as practically non-toxic but may be harmful if swallowed in large quantity. Oral administration would generally result in purging.

**Skin:** The material may be mildly irritating and may cause drying of the skin.

**Eye:** May be irritating to the eyes.

**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 in water:

#### Chronic:

**Phytotoxicity:** No Data

**Persistence and Degradability:** Persistence unlikely, Biodegradable.

**Mobility:** No data.

**Bioaccumulation:** Not likely.

**BOD and COD:** No Data

**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:** Recycle wherever possible. Bury residue in an authorised landfill. Recycle containers wherever possible or dispose of in an authorised landfill.

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## Section 14: Transport Information

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**Hazard Class:** None

**UN Number:** None

**Packing Group:** None

**Hazchem Code:** None

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**Land Transport:** Check regulations

**Sea Transport:** Check regulations

**Air Transport:** Check regulations

**Other Information:**

## Section 15: Regulatory Information

**HSNO Approval Number:**

**HSNO Classifications:** None

**Regulatory status:**

## Section 16: Other Information

### 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

AICS – Australian Inventory of Chemical Substances

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.

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.

NZIoC – New Zealand Inventory of Chemicals.

PEL – Permissible exposure limit.

PPE – Personal Protective Equipment.

RTECS – Registry of Toxic Effects of Chemical substances

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:** 20<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**