

Version 1.1

Issue date 02/09/2024

## SECTION 1 – IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY

### Product Identifier

Product Name	Calcium Carbonate
Other Names	Calcium carbonate, Lime, Ground limestone, Calcite, Lime Flour, Track Rock
Proper Shipping Name	Carbonic acid, calcium salt (1:1)
Other means of Identification	None

### Relevant identified uses of the substance or mixture

Relevant identified uses	For use as a fertiliser and animal supplement
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### Details of the supplier of the safety data sheet

Registered company name	Vetpak Limited
Address	249 Bruce Berquist Dr, Te Awamutu 3800.
Telephone	(07) 870 2024
Website	www.vetpak.co.nz
Email	sales@vetpak.co.nz

### Emergency telephone numbers


Association/ Organisation	New Zealand National Poison information centre
Emergency telephone number	0800 764 766 (07) 870 2024 Vetpak. 8.00am to 5.00pm Monday to Friday except public holidays.
Other emergency telephone numbers	New Zealand emergency services 111

## SECTION 2 – HAZARDS IDENTIFICATION

### Hazard Classification:

This product is not hazardous according to the criteria of the Globally Harmonised System of classification and labelling of chemicals (GHS)

### Label pictograms

GHS label elements	
Signal Word	<b>WARNING</b>

### Hazard statements

HSNO	Hazard Code	GHS Category	Hazard Statement
6.4A	H 319	Category 2	Can cause eye irritation

#### Precautionary statements prevention

P103	Read label before use
P264	Wash hands thoroughly after handling the product
P280	Wear protective gloves/eye protection/ face protection

#### Precautionary statement responses

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/attention

#### Precautionary statement disposal

P501	Disposal should be through a suitably qualified contractor
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### SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

#### Mixtures

CAS Number	% (weight)	Name
471 – 34 – 1	100	Calcium Carbonate

### SECTION 4 – FIRST AID MEASURES

#### Description of first aid measures

Eye contact	<ul style="list-style-type: none"><li>➤ IF IN EYES: Immediately flush eyes with running water for several minutes, holding eyelids open and occasionally lifting the upper and lower lids.</li><li>➤ Remove contact lenses if present and easy to do.</li><li>➤ Continue rinsing for at least 15 minutes.</li><li>➤ If eye irritation persists, get medical advice/attention.</li></ul>
Skin contact	<ul style="list-style-type: none"><li>➤ IF ON SKIN: Wash with plenty of soap and water.</li><li>➤ Take off contaminated clothing and wash it before reuse.</li><li>➤ If skin irritation occurs, get medical advice/attention.</li></ul>
Inhalation	<ul style="list-style-type: none"><li>➤ IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</li><li>➤ If respiratory symptoms persist, get medical advice/attention.</li><li>➤ Give artificial respiration if victim is not breathing.</li></ul>
Ingestion	<ul style="list-style-type: none"><li>➤ IF SWALLOWED: Rinse mouth, then drink a glass of water. Do not induce vomiting. Get medical advice/attention if you feel unwell.</li><li>➤ Never give anything by mouth to an unconscious person.</li></ul>
Advice to the doctor	Treat symptomatically and supportively. Most important symptoms and effects, both acute and delayed: None known.

### SECTION 5 – FIREFIGHTING MEASURES

Extinguishing media	<ul style="list-style-type: none"><li>➤ Use dry chemical, Carbon dioxide (CO<sub>2</sub>)</li><li>➤ alcohol-resistant foam or water spray for extinction</li><li>➤ Do not use water jets.</li></ul>
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Flammability Conditions	<ul style="list-style-type: none"><li>➤ Not flammable</li><li>➤ Alert fire brigade and tell location and nature of hazard</li></ul>
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### Advice for fire fighters

Fire fighting	<ul style="list-style-type: none"> <li>➤ Alert fire brigade and tell location and nature of hazard</li> <li>➤ Wear breathing apparatus plus protective gloves in the event of a fire</li> <li>➤ Prevent spillage from entering the waterways or drains</li> <li>➤ Fight the fire from a safe distance and adequate cover</li> </ul>
Fire/explosion hazard	<ul style="list-style-type: none"> <li>➤ Not flammable</li> </ul>
Special fire fighting hazards	<ul style="list-style-type: none"> <li>➤ Contain runoff from fire control or dilution water - Runoff may pollute waterways.</li> </ul>
Protection Equipment	<ul style="list-style-type: none"> <li>➤ Wear positive pressure self-contained breathing apparatus (SCBA) and chemical splash suit. SCBA and structural firefighter's uniform may provide limited protection.</li> </ul>

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

General Response Procedure	<ul style="list-style-type: none"> <li>➤ Ensure adequate ventilation.</li> <li>➤ Do not touch or walk through spilled material.</li> <li>➤ Avoid generating dust. Avoid breathing dust and contact with eyes, skin and clothing.</li> </ul>
Clean Up Procedures	<ul style="list-style-type: none"> <li>➤ Collect material (sweep up or vacuum) and place into suitable, labelled containers for subsequent recycling or disposal. If appropriate, moisten first to prevent dusting.</li> </ul>
Containment	<ul style="list-style-type: none"> <li>➤ Stop leak if safe to do so - Prevent entry into waterways, drains or confined areas. Dike far ahead of large spill for later disposal.</li> </ul>
Decontamination	<ul style="list-style-type: none"> <li>➤ Wash surfaces thoroughly with soap and water.</li> </ul>
Environment Precaution Measures	<ul style="list-style-type: none"> <li>➤ Use personal protective equipment as required</li> </ul>

## SECTION 7 – HANDLING AND STORAGE

### Precautions for safe handling

Safe Handling	<ul style="list-style-type: none"> <li>➤ Safety showers and eyewash facilities should be provided within the immediate work area for emergency use.</li> <li>➤ Ensure adequate ventilation.</li> <li>➤ Handle in accordance with good industrial hygiene and safety practice. Avoid generating dust and prevent the build-up of dust in the work atmosphere.</li> <li>➤ Avoid breathing dust and contact with eyes, skin and clothing. Do not ingest. Use personal protective equipment as required.</li> </ul>
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### Conditions for safe storage, including any incompatibilities


Suitable container	<ul style="list-style-type: none"> <li>➤ Keep in the original container</li> </ul>
Storage	<ul style="list-style-type: none"> <li>➤ Store in a cool, dry and well-ventilated place, out of direct sunlight.</li> <li>➤ Keep containers tightly closed.</li> <li>➤ Protect against physical damage.</li> <li>➤ Protect from moisture.</li> <li>➤ Keep away from incompatible materials</li> </ul>



## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

General	For Calcium carbonate (CAS No. 471-34-1):- Safe Work Australia Exposure Standard: TWA = 10 mg/m <sup>3</sup> ; This value is for inhalable dust containing no asbestos and < 1% crystalline silica (a).- New Zealand Workplace Exposure Standard: TWA = 10 mg/m <sup>3</sup>
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### Exposure controls

Appropriate engineering controls	<p>A system of local and/or general exhaust is recommended to keep employee exposures as low as possible.</p> <p>Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.</p> <p>Do not eat, drink or smoke when using this product.</p> <p>Always wash hands before smoking, eating, drinking or using the toilet.</p> <p>Wash contaminated clothing and other protective equipment before storage or re-use.</p>
Personal protection	
Eye and face protection	<ul style="list-style-type: none"> <li>➤ Safety glasses with side shields</li> <li>➤ Contact lenses may pose a special hazard soft contact lenses may absorb and concentrate materials.</li> <li>➤ Medical personal should be trained and readily available in the event of chemical exposure; they should begin eye irrigation and remove contact lenses as soon as practicable. Lenses should be removed at the first sign of eye irritation</li> </ul>
Skin protection	Wear general protective gloves e.g. light weight rubber gloves
Hand / feet protection	As above for hands; wear appropriate footwear for the environment
Other protection	<ul style="list-style-type: none"> <li>➤ Overalls</li> <li>➤ PVC Aprons</li> <li>➤ PVC protective gear</li> <li>➤ Eyewash facilities</li> <li>➤ Ensure there is ready access to a safety shower</li> </ul>

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance	White Powder	Relative density (Water = 1)	Not available
Odour	Odourless	Auto ignition temperature	Not available
Odour threshold	Not Available	Decomposition temperature	Not available
pH	No data	Viscosity	Not available
Melting point (°C)	825 °C	Molecular weight (g/mol)	Not available
Boiling point (°C)	Not available	Bulk Density	2700 kg/m <sup>3</sup>
Flash point (°C)	Not available	Specific Gravity	2.7 g/cm <sup>3</sup>
Evaporation rate	Not available	Oxidising properties	Not available
Flammability	Not flammable	Volatile component (% vol)	None



## SECTION 10 – STABILITY AND REACTIVITY

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General Information	Stable under normal conditions.
Chemical stability	Stable under normal conditions of use.
Conditions to avoid	Acids, fluorine, ammonium salts, alum (oxidising agents), Will burn fiercely in contact with fluorine, hygroscopic.
Incompatible materials	None Known
Hazardous Polymerisation	Hazardous polymerisation will not occur.

## SECTION 11 – TOXICOLOGICAL INFORMATION

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General Information	Not applicable. LD50: 6450 mg/kg, oral, rat
Swallowed	Not applicable
Inhalation	Not applicable
Eyes	Causes serious eye irritation
Skin	Not applicable
Carcinogen	Not applicable
Mutagen	Not applicable
Reproductive Toxicity	Not applicable
Aspiration	Not applicable

## SECTION 12 – ECOLOGICAL INFORMATION

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This product is not hazardous to the environment.

Ecotoxicity	No data available.
Persistence/Degradability	No data available.
Bioaccumulation Potential	No data available.
Other adverse effects	Avoid washing excessive amounts into streams and waterways. Avoid unintended release into the environment.

## SECTION 13 – DISPOSAL CONSIDERATIONS

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Waste treatment methods

Product / packaging disposal	<ul style="list-style-type: none"><li>➤ Do not allow wash water from cleaning or process equipment to enter drains</li><li>➤ It may be necessary to collect all wash water for treatment before disposal</li><li>➤ In all case disposal to sewer may be subject to local laws and regulations and these should be considered first</li><li>➤ If in doubt contact the responsible authority</li><li>➤ Contact manufacturer for recycling options or consult local or regional waste management authority for disposal</li></ul>
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## SECTION 14 – TRANSPORT INFORMATION

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## Labels required

This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2012

Marine Pollutant	NO
HAZCHEM	Not Hazardous

### Land transport (ADG)

UN Number	No data available
Packing group	No data available
UN proper shipping name	No data available
Environmental hazard	Not Hazardous
Transport hazard classes	No data available
Special precautions for user	No data available

### Air transport (ICAO-IATA / DGR)

UN Number	No data available
Packing group	No data available
UN proper shipping name	No data available
Environmental hazard	Not Hazardous
Transport hazard classes	No data available
Special precautions for user	No data available

### Sea transport (IMDG / GGVSee)

UN Number	No data available
Packing group	No data available
UN proper shipping name	No data available
Environmental hazard	Not Hazardous
Transport hazard classes	No data available
Special precautions for user	No data available
Marine Pollutant	No data available

## SECTION 15 – REGULATORY INFORMATION

Safety, health and environment regulations / legislation specific for the substance or mixture

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

GHS Code	6.4A
National Inventory	Status
Australia – AICS	Yes
Europe – EINEC / ELINCS / NLP	Yes
New Zealand – NZIoC	Yes All ingredients are on the inventory Appears on GRAS (Generally Regarded As Safe) of Ministry of Primary Industries, New Zealand.
Environmental Protection Authority (New Zealand)	Hazardous Substances and New Organisms Amendment Act 2015
Approval Code	HSR006678

## SECTION 16 – OTHER INFORMATION



While Vetpak Limited in good faith has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Vetpak Limited accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

New Zealand National Poison Information Centre: 0800 764 766  
New Zealand Emergency Services: 111  
Vetpak Limited: +64 7 870 2024

#### Definitions and abbreviations

PC – TWA	Permissible concentration – time weighted average
PC – STEL	Permissible concentration – short term exposure limit
IARC	International agency for research on cancer
ACGIH	American conference of Government Industrial Hygiene
STEL	Short term exposure limit
TEEL	Temporary emergency exposure limit
IDLH	Immediate dangerous to life or health concentration
OSF	Odour safety factor
NOAEL	No observed adverse effect level
LOAEL	Lowest observed adverse effect level
TLV	Threshold limit value
LOD	Limit of detection
OTV	Odour threshold value
BCF	BioConcentration factors

**END OF SDS**

