



MATERIAL SAFETY DATA SHEET

G Lime

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	G Lime
Product Code	-
Other Names	-
Product Use	Agricultural Applications
Company Name	Fertco 2016 Ltd
Address	119C Aviation Avenue Mt Maunganui, Tauranga, New Zealand
Telephone Number	+64 7 574 6960
Emergency Telephone	0800 466 736

2. HAZARDS IDENTIFICATION

HAZARDOUS SUBSTANCE

Classified as hazardous according to the criteria of the New Zealand's Hazardous Substances New Organisms legislation (HSNO Act 1996)

Hazard Classification	6.4 A - Irritating to the eye 6.1 E - Acutely toxic (oral)
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3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient (common name)	CAS Number
Calcium carbonate	1317-65-3
Organic Binding Agent	8061-51-6

4. FIRST AID MEASURES

Inhalation	If inhaled, remove to fresh air.
Ingestion	If swallowed do not induce vomiting. Never give anything by mouth to an unconscious person. Seek immediate medical attention.
Skin	If skin or hair contact occurs, immediately remove contaminated clothing and wash skin and hair thoroughly with soap and plenty of water. Seek medical attention if symptoms persist.
Eyes	If in eyes, hold eyelids apart and flush the eye continuously with large amounts of water for at least 15 minutes. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

For major fires call the Fire Brigade. Ensure that an escape path is available from any fire.

Suitable Extinguishing Media
Hazardous Combustion Products

Use extinguishing media appropriate to surrounding fire. Acrid smoke and fumes.

Firefighting Equipment

Wear an approved self-contained breathing apparatus and full protective clothing.

Unusual Fire or Explosion-Hazards

This material will not burn.

Hazchem Code

Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Spills

In the event of a major spill, prevent spillage from entering drains or water courses.

Wear full protective clothing including eye/face protection and impervious elbow-length gloves. Evacuate general area and deny access to unnecessary and unprotected personnel. Provide adequate ventilation. Stop leak if safe to do so and contain spill. Sweep up but avoid generating dust. Collect in properly labelled drums for salvage or disposal.

7. HANDLING AND STORAGE

Handling

Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Provide adequate ventilation.

Storage

Store in the closed, original container in a dry, well ventilated area. Do not store for prolonged periods in direct sunlight. Protect from moisture. Keep away from strong oxidising agents and acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards (NZ Workplace Exposure Standards - WES)

Calcium carbonate:
TWA: - ppm / 10 mg/m³
STEL: - ppm / - mg/m³

Engineering Controls

Local exhaust ventilation is recommended when vapours can be released in excess of established airborne exposure limits.

Respiratory Protection	Dust respirator. See Australian/NZ Standards AS/NZS 1715 and 1716 for more information.
Eye Protection	Safety glasses with top and side shields. See Australian/NZ Standards AS/NZS 1337 for more information.
Skin Protection	Disposable latex gloves and lab coat. See Australian/NZ Standards AS/NZS 2210 for more information.
Hygienic Practices	Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Off-White to Brown granular
Odour	Odourless
Solubility in Water	Highly soluble
pH	9
Boiling Point	Not determined
Melting Point	Not determined
Vapour Pressure	Not applicable
Vapour Density (Air = 1)	Not applicable
Specific Gravity (H₂O=1)	Not determined
Evaporation Rate (H₂O=1)	Not applicable
Flash Point	Not applicable
Flammable Limit – Lower	Not applicable
Flammable Limit – Upper	Not applicable
Auto-ignition Temperature	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability	Stable when stored under proper conditions.
Incompatible Materials	Oxidising agents and acids.
Hazardous Decomposition Products	May emit toxic fumes when heated to decomposition.
Hazardous Polymerization Conditions to Avoid	Will not occur. Moisture.

11. TOXICOLOGICAL INFORMATION

Toxicity	Calcium carbonate: Oral LD ₅₀ (rat) = 6450 mg/kg
Chronic Health Effects	No information available.
Existing Conditions	No information available.
Aggravated by Exposure	
Carcinogenicity	This product does not contain any IARC listed chemicals.

12. ECOLOGICAL INFORMATION

Ecotoxicity No information available.
Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Disposal methods and containers Dispose according to applicable local and state government regulations.
Special precautions for landfill or incineration Please consult your state Land Waste Management Authority for more information.

14. TRANSPORT INFORMATION

Not classified as a dangerous good according to the LTSA.

UN Number Not applicable
Proper Shipping Name Not applicable
Dangerous Goods Class Not applicable
Hazchem Code Not applicable
Packing Group Not applicable
Special Precautions Not applicable

15. REGULATORY INFORMATION

Calcium carbonate, sodium lignosulfonate are listed in the New Zealand Inventory of Chemicals (NZIoC). May also contain Molasses as a binder.

HSNO Approval Code HSR006678 (Calcium carbonate)

16. OTHER INFORMATION

Last Revision of MSDS Rev 2.0 (01/04/2024)
Prepared by MSDS.COM.AU Pty Ltd www.msds.com.au

Amended by Fertco 2016 LTD (Regulatory information section)

Abbreviations Used HSNO: Hazardous Substances and New Organisms Act 1996
IARC: International Agency for Research on Cancer
STEL: Short term exposure limit
TWA: Time weighted average

Emergency Contacts

Fertco 2016 Ltd +64 7 574 6960
Fertco 2016 Ltd – Emergency Number 0800 466 736
Police and Fire Brigade 111
New Zealand Poisons Information Centre 0800 764 766

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