

SAFETY DATA SHEET

PRODUCT NAME: AGRICULTURAL LIME

LIME GRANULATED

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Other names: AgLime, Biolime, Calciprill
Recommended use: Soil amendment, soil pH modifier, fertiliser
Supplier: Baileys Fertilisers
Address: 24 Beach St
Kwinana Beach
Western Australia 6167
Telephone: (08) 9439 1688 (Monday to Friday: 8.00am – 5.00pm)
Emergency Contact: Poisons Information Centre on 13 11 26
Facsimile: (08) 9439 1068
Email: baileys@baileysfertiliser.com.au
Website: baileysfertiliser.com.au

2. HAZARD IDENTIFICATION

1. GHS Classification: Hazardous according to Australian Criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

2. Signal Word: **Warning**

3. Hazard Category(s): Skin Irritation Category 2
Eye Irritation Category 2

4. Hazard Symbol:



5. Hazard Statement(s): H315 Causes skin irritation
H319 Causes serious eye irritation

6. Precautionary Statements:

Prevention: P264 Wash hands, face and other exposed body parts thoroughly after handling.
P280 Wear eye protection / face protection.

Response: P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 Specific treatment – see first aid instructions in Section 3.
P332 + P313 If skin irritation occurs: Get medical advice / attention.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.

Storage: N/A

Disposal: N/A

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	% w/w
Calcium Carbonate	1317-65-3	60 - 100
Non-hazardous ingredients	N/A	Remainder

4. FIRST AID MEASURES

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, seek medical attention.

Skin Contact: Wash with soap and water. Seek medical attention in event of irritation.

Inhalation: Remove from exposure and if irritation persists, seek medical attention.

Ingestion: Rinse and wash mouth with water. Seek medical attention if abdominal symptoms occur. Poison Information Centres (13 11 26) can provide additional assistance.

First Aid Treatment and note to physician: Treat symptomatically. Skin abrasions and sores may be aggravated by exposure. Inhalation of dust may aggravate asthma.

5. FIRE FIGHTING MEASURES

Flammability: Non-flammable.

Extinguishing Media: Use extinguishing media suited to the surrounding fire.

Fire/Explosion Hazard: No significant quantities of decomposition products are expected at temperatures normally achieved in a fire. Calcium compounds (e.g. calcium oxide), carbon monoxide and carbon dioxide.

Advice for Firefighters: Full face masks or self-contained breathing apparatus (SCBA) must be worn with appropriate clothing. If possible, collect contaminated fire-fighting water for treatment.

Hazchem Code: None allocated.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Remove unnecessary personnel from the area. Ventilate the area where the spill occurred. Remove possible ignition sources. Prevent contact with skin and eyes by using appropriate personal protective equipment (PPE). Prevent inhalation by using appropriate respiratory protection.

Environmental precautions: Prevent product from entering drains and watercourses.

Methods of cleaning up: Contain spillage, then collect and place in suitable containers for disposal. Avoid generating dust.

Reference to other sections: See sections 8 and 13 for exposure controls and disposal.

7. HANDLING AND STORAGE

Precautions for safe handling: Before use, carefully read the product label. Use of safe working practices are recommended to avoid eye or skin contact and inhalation. Observe good person hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

Conditions for safe storage, including any incompatibilities: Store in a cool, dry, well ventilated area, removed from moisture, incompatible substances and foodstuffs. Ensure containers are adequately

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labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills. Store below 30°C for optimal performance.

Specific end use(s):

No information provided.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure standards: 10 mg/m³.

Biological limits: No biological limit values have been entered for this product.

Exposure controls

Engineering controls: Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended. Maintain dust levels below the recommended exposure standard.

PPE:

Eye / Face	Wear dust-proof goggles.
Hands	Wear gloves.
Body	When using large quantities, or where heavy contamination is likely, wear coveralls.
Respiratory	Where an inhalation risk exists, wear a respirator of type P1 (Particulate).



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White to light grey / brown powder or small granules.
Odour	Odourless
Flammability	Non flammable
Flash Point	Not relevant
Boiling Point	Not available
Melting Point	Not available
Evaporation Rate	Not available
pH	8 – 9 (10% solution)
Vapour density	Not available
Density	Not available
Solubility (water)	Relatively insoluble in water
Vapour pressure	Not available
Upper explosion limit	Not relevant
Lower explosion limit	Not relevant
Partition coefficient	Not available
Autoignition temperature	Not available
Decomposition temperature	825°C
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

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Odour threshold

Not available

10. STABILITY AND REACTIVITY

Reactivity: Carefully review all information provided in this section.

Chemical stability: Stable under recommended conditions of storage.

Possibility of hazardous reactions: Polymerization will not occur.

Conditions to avoid: Avoid heat, sparks, open flames and other ignition sources.

Incompatible materials: Acids, strong oxidising agents, ammonium salts and fluorine.

Hazardous decomposition products: May evolve toxic gases (calcium / carbon oxides) when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Low toxicity. Under normal conditions of use, adverse health effects are not anticipated. This product is generally considered to be of low toxicity. Use safe work practices to avoid eye contact, prolonged skin contact and dust generation – inhalation.

Ingestion: Low toxicity. Ingestion of large quantities may result in gastrointestinal irritation, nausea, and vomiting. Ingestion of large quantities may result in dizziness, drowsiness, excessive urine, weakness and confusion.

Skin: Irritant. Contact may result in irritation, redness, pain and rash.

Eye: Irritant. Contact may result in irritation, lacrimation, pain and redness.

Inhalation: Low irritant. Over exposure may result in irritation of the nose and throat, with coughing.

Sensitization hazard: Not classified as a skin sensitizer.

Long Term Effects: None known.

Carcinogenicity: Not classified as a carcinogen.

Mutagenic Data: Not classified as a mutagen.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information.

Persistence and degradability: No information.

Bioaccumulative potential: No information.

Mobility in soil: No information available.

Other adverse effects: Avoid contamination of waterways.

13. DISPOSAL CONSIDERATIONS

Disposal: Ensure product is covered with moist soil to prevent dust generation and dispose of to approved Council landfill. Contact the manufacturer / supplier for addition information if required. Dispose of in accordance with relevant local legislation.

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14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG or IATA

	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG)	AIR TRANSPORT (IATA / ICAO)
UN Number	None allocated.	None allocated.	None allocated.
Proper Shipping Name	None allocated.	None allocated.	None allocated.
Transport Hazard Class	None allocated.	None allocated.	None allocated.
Packing Group	None allocated.	None allocated.	None allocated.
Hazchem Code	None allocated.	None allocated.	None allocated.

15. REGULATORY INFORMATION

Poison schedule	A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
Classifications	<p>Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals.</p> <p>The classifications and phrases listed below are based on the Approved Criteria for Classifying Hazardous Substance [NOHSC: 1008(2004)].</p>
AICS	All chemicals listed on the Australian Inventory of Chemical Substances (ACIS).

16. OTHER INFORMATION

Disclaimer	<p>This document has been prepared by Baileys Fertilisers and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue.</p> <p>While Baileys Fertilisers 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, Baileys Fertilisers 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.</p> <p>As the use of the products described in this document is outside the control of Baileys Fertilisers, we make no representation or warranty concerning the suitability or fitness of this product for any purpose. It is your sole responsibility to ensure that the product will have the qualities and attributes that will make them fit for any ordinary or special purpose required of them, even if that purpose is made known to us at any time. This includes responsibility on your part to conduct in a timely manner all appropriate tests and quality checks on the product and any goods made from them. We disclaim any liability if any products are not suitable or fit for any such purpose.</p>
Revision	3
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End of SDS	