



**GRAYMONT**

# SAFETY DATA SHEET

## GRAYMONT AUSTRALIA FINE LIMESTONE PRODUCTS

Infosafe No.: LQAX1  
ISSUED Date : 06/12/2021  
ISSUED by: GRAYMONT

### Section 1 - Identification

**Product Identifier**

GRAYMONT AUSTRALIA FINE LIMESTONE PRODUCTS

**Company Name**

GRAYMONT (ABN 20 004 406 688)

**Address**

Level 16, 111 Pacific Hwy North Sydney  
NSW 2059 Australia

**Telephone/Fax Number**

Tel: 1800 931 063

**Emergency Phone Number**

1800 636 556

**Recommended use of the chemical and restrictions on use**

Used in acid sulphate soil remediation, and as a calcium supplement and pH soil modifier.

**Other Names**

Name	Product Code
ATTUNGA -45MM FINE GLS HIGH CALCIUM LIMESTONE	
BUCHAN -850MM GLS STOCKFEED HIGH CALCIUM LIMESTONE	
CAROLINE -250M UNICAL HIGH CALCIUM LIMESTONE	
MURGON -250MM FINE GLS HIGH CALCIUM LIMESTONE	
RIVERTON -500MM FINE GLS HIGH CALCIUM LIMESTONE	
RIVERTON -250MM FINE GLS HIGH CALCIUM LIMESTONE	
RIVERTON -45MM FINE GLS HIGH CALCIUM LIMESTONE	
TRARALGON -150MM FINE GLS HIGH CALCIUM LIMESTONE	
TRARALGON -75MM FINE GLS HIGH CALCIUM LIMESTONE	
BUCHAN -850MM GLS AGLIME HIGH CALCIUM LIMESTONE	

### Section 2 - Hazard(s) Identification

**GHS classification of the substance/mixture**

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Carcinogenicity: Category 1A

**Signal Word (s)**

DANGER

**Hazard Statement (s)**

H350 May cause cancer by inhalation.

**Pictogram (s)**

Health hazard

**Precautionary Statement – Prevention**

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

**Precautionary Statement – Response**

P308+P313 IF exposed or concerned: Get medical advice/attention.

**Precautionary Statement – Storage**

P405 Store locked up.

**Precautionary Statement – Disposal**

P501 Dispose of contents/container to an approved waste disposal plant.

**Other Information**

Undertake health and safety risk assessment on safe methods of handling and use appropriate to your workplace.

**Section 3 - Composition and Information on Ingredients****Ingredients**

Name	CAS	Proportion
Calcium carbonate	471-34-1	95-100 %
Other minerals	Mixture	<4 %
Crystalline Silica (Quartz)	14808-60-7	<1 %

**Other Information**

Contains &lt;1% respirable crystalline silica in the form of quartz.

**Section 4 - First Aid Measures****Inhalation**

If inhaled, remove affected person from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.

**Ingestion**

Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.

**Skin**

Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

**Eye**

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and/or persist seek medical attention.

**First Aid Facilities**

Eyewash and normal washroom facilities.

**Advice to Doctor**

Treat symptomatically.

**Other Information**

For advice in an emergency, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor at once.

## Section 5 - Firefighting Measures

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**Suitable Extinguishing Media**

Use appropriate fire extinguisher for surrounding environment.

**Hazards from Combustion Products**

Non combustible material.

**Specific hazards arising from the chemical**

The product is not combustible, however the packaging may burn under fire conditions. At 825°C calcium carbonate (calcite) decomposes and gives off carbon dioxide and corrosive fumes of calcium oxide.

**Decomposition Temperature**

825°C

**Precautions in connection with Fire**

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. Fight fire from safe location.

## Section 6 - Accidental Release Measures

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**Emergency Procedures**

Increase ventilation. Evacuate all unprotected personnel. Wear sufficient respiratory protection and full protective clothing to prevent exposure. Sweep up material avoiding dust generation or dampen spilled material with water to avoid airborne dust, then transfer material to a suitable container. Wash surfaces well with soap and water. Seal all wastes in labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

## Section 7 - Handling and Storage

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**Precautions for Safe Handling**

Avoid inhalation of dust, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of dust in the work atmosphere. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities. Avoid exposure. Do not handle until all safety precautions have been read and understood.

**Conditions for safe storage, including any incompatibilities**

Store in a cool, dry, well-ventilated area, out of direct sunlight and moisture. Store in suitable, labelled containers. Keep containers tightly closed. Store away from incompatible materials. Ensure that storage conditions comply with applicable local and national regulations.

## Section 8 - Exposure Controls and Personal Protection

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**Occupational exposure limit values**

No exposure standards have been established for this material. However, the available exposure limits for ingredients are listed below:

Crystalline Silica (Quartz)

TWA : 0.05 mg/m<sup>3</sup> (respirable dust)

Note: Carc.1A

Calcium carbonate (inspirable dust)

TWA: 10 mg/m<sup>3</sup>

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

Source: Safe Work Australia

#### Biological Monitoring

No biological limits allocated.

#### Control Banding

Not available

#### Engineering Controls

This substance is hazardous and should be used with a local exhaust ventilation system, drawing solid/dust away from workers' breathing zone. If the engineering controls are not sufficient to maintain concentrations of particulates below the exposure standards, suitable respiratory protection must be worn.

#### Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable dust/particulate filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements.

Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

#### Eye and Face Protection

Safety glasses with side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations.

Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 (series) - Eye Protectors for Industrial Applications.

#### Hand Protection

Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances. i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations.

Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

#### Thermal Hazards

No further relevant information available.

#### Body Protection

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

## Section 9 - Physical and Chemical Properties

Properties	Description	Properties	Description
Form	Powder	Appearance	Off white powder
Colour	Off white	Odour	Odourless
Melting Point	825°C (calcium carbonate (calcite) decomposes)	Boiling Point	Not available
Decomposition Temperature	825°C	Solubility in Water	Insoluble
Specific Gravity	2.70-2.80	pH	9.0 (aqueous slurry)
Vapour Pressure	Not applicable	Relative Vapour Density (Air=1)	Not available
Evaporation Rate	Not available	Odour Threshold	Not available
Viscosity	Not available	Partition Coefficient: n-octanol/water (log value)	Not available
Flash Point	Not applicable	Flammability	Non-combustible
Auto-Ignition Temperature	Not applicable	Explosion Limit - Upper	Not available
Explosion Limit - Lower	Not available		

## Section 10 - Stability and Reactivity

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### Chemical Stability

Stable under normal conditions of storage and handling. At 825°C calcium carbonate (calcite) decomposes and emits carbon dioxide and corrosive fumes of calcium oxide.

### Possibility of hazardous reactions

Not available

### Conditions to Avoid

Extremes of temperature and direct sunlight. Dust accumulation.

### Incompatible Materials

Strong oxidising agents, strong acids, ammonium salts and fluorine.

### Hazardous Decomposition Products

Thermal decomposition may result in the release of toxic and/or irritating fumes.

### Reactivity and Stability

Reacts with incompatible materials.

### Hazardous Polymerization

Will not occur.

## Section 11 - Toxicological Information

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### Toxicology Information

No toxicity data available for this material.

### Ingestion

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

### Inhalation

Inhalation of dusts may irritate the respiratory system. Breathing of dust may cause shortness of breath, and aggravate asthma and inflammatory or fibrotic pulmonary disease. Chronic exposure to this material may aggravate existing respiratory disorders and lung disorders such as bronchitis, emphysema and asthma. Onset and progression are related to dust concentrations and duration of exposure.

Repeated exposure to respirable crystalline silica dust may lead to silicosis, or other serious delayed lung injury. The onset of silicosis is usually slow and lung damage may occur even when no symptoms or signs of ill-health have occurred. Silicosis can develop to a more serious degree even after exposure has ceased, and may also lead to other diseases including heart disease and scleroderma.

### Skin

Skin contact may cause mechanical irritation resulting in redness and itching. Prolonged or repeated contact with the skin in the absence of proper hygiene, may cause dryness and dermatitis.

### Eye

Eye contact may cause mechanical irritation. May result in mild abrasion.

### Respiratory Sensitisation

Not expected to be a respiratory sensitiser.

### Skin Sensitisation

Not expected to be a skin sensitiser.

### Germ Cell Mutagenicity

Not considered to be a mutagenic hazard.

### Carcinogenicity

May cause cancer by inhalation. Classified as a Known or presumed human carcinogen.

Respirable crystalline silica is classified by International Agency for Research on Cancer (IARC) as carcinogenic to humans by inhalation (Group 1).

### Reproductive Toxicity

Not considered to be toxic to reproduction.

**STOT - Single Exposure**

Not expected to cause toxicity to a specific target organ.

**STOT - Repeated Exposure**

Not expected to cause toxicity to a specific target organ.

**Aspiration Hazard**

Not expected to be an aspiration hazard.

## Section 12 - Ecological Information

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**Ecological Information**

No ecological data available for this material.

**Persistence and degradability**

Not available

**Mobility**

Not available

**Bioaccumulative Potential**

Not available

**Other Adverse Effects**

Not available

**Environmental Protection**

Prevent this material entering waterways, drains and sewers.

**Hazardous to the Ozone Layer**

This product is not expected to deplete the ozone layer.

## Section 13 - Disposal Considerations

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**Disposal Considerations**

The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations. To minimise personal exposure to the chemical, refer to Section 8 — Exposure controls and personal protection.

## Section 14 - Transport Information

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**Transport Information**

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

**ADG U.N. Number**

None Allocated

**ADG Proper Shipping Name**

None Allocated

**ADG Transport Hazard Class**

None Allocated

**Special Precautions for User**

Not available

**IMDG Marine pollutant**

No

**Transport in Bulk**

Not available

## Section 15 - Regulatory Information

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### Regulatory Information

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

### Poisons Schedule

Not Scheduled

### Montreal Protocol

Not listed

### Stockholm Convention

Not listed

### Rotterdam Convention

Not listed

### International Convention for the Prevention of Pollution from Ships (MARPOL)

Not available

### Agricultural and Veterinary Chemicals Act 1994

Not available

### Basel Convention

Not available

## Section 16 - Any Other Relevant Information

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### Date of Preparation

SDS created: December 2021

### Version Number

1.0

### Literature References

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Code of Practice for Supply Diversion into Illicit Drug Manufacture.

National Code of Practice for Chemicals of Security Concern.

Agricultural Compounds and Veterinary Chemicals Act.

International Agency for Research on Cancer (IARC) Monographs.

Montreal Protocol on Substances that Deplete the Ozone Layer.

Stockholm Convention on Persistent Organic Pollutants (POPs).

Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade.

Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal.

International Air Transport Association (IATA) Dangerous Goods Regulations.

International Maritime Dangerous Goods (IMDG) Code.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of Classification and Labelling of Chemicals. (7th revised edition)

Code of Practice: Managing Noise and Preventing Hearing Loss at Work.

## END OF SDS

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