



Infosafe No™	1CH1K	Issue Date : March 2020	RE-ISSUED by CHEMSUPP
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Product Name : **CALCIUM CARBONATE**

Not classified as hazardous

**1. Identification**

<b>GHS Product Identifier</b>	CALCIUM CARBONATE		
<b>Company Name</b>	CHEM-SUPPLY PTY LTD (ABN 19 008 264 211)		
<b>Address</b>	38 - 50 Bedford Street GILLMAN SA 5013 Australia		
<b>Telephone/Fax Number</b>	Tel: (08) 8440-2000		
<b>Emergency phone number</b>	CHEMCALL 1800 127 406 (Australia) / +64-4-917-9888 (International)		
<b>Recommended use of the chemical and restrictions on use</b>	Source of lime, neutralizing agent, filler and extender in rubber, plastics and paints, opacifying agent in paper, fortification of bread, putty, tooth powders, antacid, whitewash, Portland cement, sulfur dioxide removal from stack gases, metallurgical flux, analytical chemistry, carbon dioxide generation (laboratory), food additive, ceramics, polishes, insecticides, inks, shoe dressings, adhesives, dentrifices, matches, pencils, crayons, linoleum, insulating compounds, welding rods, cosmetics, antibiotics, pharmaceuticals, removing acidity of wines, dietary supplement and laboratory reagent.		
<b>Other Names</b>	<b>Name</b>	<b>Product Code</b>	
	CALCIUM CARBONATE LR	CL009	
	CALCIUM CARBONATE AR	CA009	
	CALCIUM CARBONATE Marble chips TG	CT031	
	Limestone, Calcite, Chalk, Marble		

**Other Information**

Chem-Supply Pty Ltd does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product before use or application intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon Chem-Supply Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product of any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of Chem-Supply Pty Ltd is limited to the replacement of supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.

**2. Hazard Identification**

<b>GHS classification of the substance/mixture</b>	Not classified as hazardous according to the Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(2004) 3rd Edition, Safe Work Australia.
<b>Other Information</b>	Not classified as dangerous goods according to the Australian Dangerous Goods Code (ADG). May contain traces of crystalline silica with less than 1%.

**3. Composition/information on ingredients**

<b>Chemical Characterization</b>	Solid				
<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>	<b>Hazard Symbol</b>	<b>Risk Phrase</b>
	Calcium carbonate	471-34-1	100 %		

**4. First-aid measures**

<b>Inhalation</b>	Remove victim to fresh air. Seek medical advice if effects persist.
<b>Ingestion</b>	Rinse mouth thoroughly with water immediately. Give water to drink. DO NOT induce vomiting. Seek immediate medical assistance.
<b>Skin</b>	Wash with plenty of soap and water. If irritation occurs seek medical advice.
<b>Eye contact</b>	Irrigate with copious quantity of water for 15 minutes. Seek medical assistance if symptoms persist.
<b>First Aid Facilities</b>	Maintain eyewash fountain and safety shower in work area.
<b>Advice to Doctor</b>	Treat symptomatically.
<b>Other Information</b>	For advice, contact a Poisons Information Centre (Phone eg Australia 13 1126; New Zealand 0800 764 766) or a doctor at once.

**5. Fire-fighting measures**



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<b>Hazards from Combustion Products</b>	May liberate toxic fumes including carbon dioxide and calcium oxide.
<b>Specific Methods</b>	No limitations to the type of extinguishing media. Use extinguishing media most appropriate for the surrounding fire.
<b>Specific hazards arising from the chemical</b>	Material does not burn. Fire or heat may produce irritating, poisonous and/or corrosive gases. Containers may explode when heated. Runoff may pollute waterways.
<b>Decomposition Temp.</b>	825 °C
<b>Precautions in connection with Fire</b>	Use suitable protective equipment for surrounding fire.

**6. Accidental release measures**

<b>Personal Precautions</b>	Avoid substance contact. Avoid generation of dusts: do not inhale dusts. Ensure supply of fresh air in enclosed rooms.
<b>Personal Protection</b>	Wear protective clothing specified for normal operations (see Section 8)
<b>Clean-up Methods - Small Spillages</b>	Sweep up (avoid generating dust) and remove to a suitable, clearly labelled container for disposal in accordance with local regulations.

**7. Handling and storage**

<b>Precautions for Safe Handling</b>	Avoid generation or accumulation of dusts. Avoid prolonged or repeated contact with skin and eyes .
<b>Conditions for safe storage, including any incompatibilities</b>	Store in a cool,dry place. Store away from acids. Keep containers closed at all times.

**8. Exposure controls/personal protection**

<b>Other Exposure Information</b>	No exposure standards have been established for this product by Safe Work Australia, however, the TWA exposure standard for dusts/mists not otherwise specified is 10 mg/m <sup>3</sup> . All atmospheric contamination should be kept to as low a level as is workable. A time weighted average (TWA) concentrations for a 8 hour day, and 5 day week has not been established by Safe Work Australia for this product. There is a blanket limit of 10 mg/m <sup>3</sup> for dusts or mists when limits have not otherwise ben established.
<b>Appropriate engineering controls</b>	In industrial situations maintain the concentrations values below the TWA. This may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods.
<b>Respiratory Protection</b>	Where ventilation is not adequate, respiratory protection may be required. Avoid breathing vapours or mists. Select and use respirators in accordance with AS 1716 - Respiratory Protective Devices and be selected in accordance with AS 1715 - Selection, Use and Maintenance of Respiratory Protective Devices. When mists or vapours exceed the exposure standards then the use of the following is recommended: Approved respirator with organic vapour and dust/mist filters. Filter capacity and respirator type depends on exposure levels.
<b>Eye Protection</b>	The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.
<b>Hand Protection</b>	Hand protection should comply with AS 2161, Occupational protective gloves - Selection, use and maintenance.
<b>Personal Protective Equipment</b>	Personal protective equipment should not solely be relied upon to control risk and should only be used when all other reasonably practicable control measures do not eliminate or sufficiently minimise risk. Guidance in selecting personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.
<b>Footwear</b>	Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use.
<b>Body Protection</b>	Clean clothing or protective clothing should be worn, preferably with an apron. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.
<b>Hygiene Measures</b>	Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

**9. Physical and chemical properties**



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<b>Form</b>	Solid
<b>Appearance</b>	White powder or colourless crystals.
<b>Odour</b>	Odourless.
<b>Decomposition Temperature</b>	825 °C
<b>Solubility in Water</b>	Very slightly soluble (a few ppm).
<b>Solubility in Organic Solvents</b>	Insoluble in alcohol. Soluble in dilute acids with evolution of carbon dioxide.
<b>Specific Gravity</b>	2.7-2.95
<b>pH</b>	9 to 10.5 (100g/l H <sub>2</sub> O, 20 degrees C) (slurry)
<b>Flammability</b>	Non combustible material.
<b>Molecular Weight</b>	100.09
<b>Other Information</b>	Tasteless.

**10. Stability and reactivity**

<b>Chemical Stability</b>	Stable under normal use conditons.
<b>Conditions to Avoid</b>	Heat, flames, ignition sources and incompatibles.
<b>Incompatible Materials</b>	Acids, alum, ammonium compounds, fluorine and magnesium.
<b>Hazardous Decomposition Products</b>	May liberate toxic fumes including carbon dioxide and calcium oxide.
<b>Possibility of hazardous reactions</b>	Ignites and burns fiercely in contact with fluorine. May cause explosive reaction in contact with magnesium. Reacts with mineral acids evolving carbon dioxide.
<b>Hazardous Polymerization</b>	Will not occur.

**11. Toxicological Information**

<b>Acute Toxicity - Oral</b>	LD50 (rat): 6450 mg/kg
<b>Ingestion</b>	May cause gastric irritation.
<b>Inhalation</b>	May cause irritation to the respiratory tract and nose. Symptoms include coughing, sneezing, and nasal irritation.
<b>Skin</b>	May cause skin irritating.
<b>Eye</b>	Contact with eyes may cause a mild irritation causing watering.
<b>Carcinogenicity</b>	No evidence of carcinogenic properties.
<b>Chronic Effects</b>	Ingestion of very large quantities may result in alkalosis, hypercalcemia, intestinal obstruction and/or constipation.
<b>Mutagenicity</b>	No evidence of mutagenic properties.

**12. Ecological information**

<b>Ecotoxicity</b>	Quantitative data on the ecological effect of this product are not available.
<b>Persistence and degradability</b>	No persistence/degradability data available for this product.
<b>Environmental Fate</b>	Behaviour in environmental compartments: Concentration in organisms is not to be expected.

**13. Disposal considerations**

<b>Disposal Considerations</b>	Whatever cannot be saved for recovery or recycling should be disposed of according to relevant local, state and federal government regulations.
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**14. Transport information**

<b>Transport Information</b>	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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**15. Regulatory information**

<b>Regulatory Information</b>	Listed in the Australian Inventory of Chemical Substances (AICS). Not listed under WHS Regulation 2011, Schedule 10 - Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
<b>Poisons Schedule</b>	Not Scheduled

**16. Other Information**

<b>Literature References</b>	<p>'Standard for the Uniform Scheduling of Medicines and Poisons .', Commonwealth of Australia.</p> <p>Lewis, Richard J. Sr. 'Hawley's Condensed Chemical Dictionary 13th. Ed.', Rev., John Wiley and Sons, Inc., NY, 1997.</p> <p>National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.', 2007.</p> <p>Safe Work Australia, 'National Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals', 2011.</p> <p>Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand, 2010.</p> <p>Safe Work Australia, 'Approved Criteria for Classifying Hazardous Substances [NOHSC:1008 (2004)]'.</p> <p>Safe Work Australia, 'Hazardous Chemical Information System, 2005'.</p> <p>Safe Work Australia, 'National Code of Practice for the Labelling of Safe Work Hazardous Substances (2011)'.</p> <p>Safe Work Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995) 3rd Edition]'.</p>
<b>Contact Person/Point</b>	<p>Paul McCarthy Ph. (08) 8440 2000 <b>DISCLAIMER STATEMENT:</b></p> <p>All information provided in this data sheet or by our technical representatives is compiled from the best knowledge available to us. However, since data, safety standards and government regulations are subject to change and the conditions of handling and use, or misuse, are beyond our control, we make no warranty either expressed or implied, with respect to the completeness or accuracy to the information contained herein. Chem-Supply accepts no responsibility whatsoever for its accuracy or for any results that may be obtained by customers from using the data and disclaims all liability for reliance on information provided in this data sheet or by our technical representatives.</p>
<b>Empirical Formula &amp; Structural Formula</b>	<p>CaCO<sub>3</sub></p> <p>...End Of MSDS...</p>

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