



Infosafe No™	3CH9X	Issue Date : February 2014	RE-ISSUED by CHEMSUPP
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Product Name : **SOFNOLIME**

Classified as hazardous

**1. Identification****GHS Product Identifier** SOFNOLIME**Company Name** CHEM-SUPPLY PTY LTD (ABN 19 008 264 211)**Address** 38 - 50 Bedford Street GILLMAN  
SA 5013 Australia**Telephone/Fax Number** Tel: (08) 8440-2000  
Fax: (08) 8440-2001**Emergency Contact Name** CHEM-SUPPLY Emergency Contact Number +61 08 8440 2000  
Business hours: 8:30am to 5:00pm, Monday to Friday  
**(24 hour a day available)** For advice, contact a Poisons Information Centre, Phone eg Australia 13 1126.**Recommended use of the chemical and restrictions on use** Used as an absorbent for carbon dioxide and other acidic gases.**Other Names****Name****Product Code**SOFNOLIME PW2550 USP, soda lime indicating 2.5-5.0mm, 4-8 mesh, Medical Grade  
Soda Lime

ST460

SOFNOLIME 1025WV S GRADE, soda lime indicating 1.0-2.5mm

ST438

SOFNOLIME N1025 (797 GRADE), soda lime non-indicating  
1.0-2.5mm

ST448

SOFNOLIME CS 2580 D GRADE, soda lime non-indicating  
1.0-2.5mm, granular

ST466

**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****GHS classification of the substance/mixture** Eye Damage/Irritation: Category 2A  
Skin Corrosion/Irritation: Category 2**Signal Word (s)** WARNING**Hazard Statement (s)** H315 Causes skin irritation.  
H319 Causes serious eye irritation.**Pictogram (s)** Exclamation mark**Precautionary statement – Prevention** P264 Wash thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.**Precautionary statement – 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.

P337+P313 If eye irritation persists: Get medical advice/attention.

P310 Immediately call a POISON CENTER or doctor/physician.

P362 Take off contaminated clothing and wash before reuse.

**Other Information** R35 Causes severe burns.



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R36/38 Irritating to eyes and skin.  
R41 Risk of serious damage to eyes.

**3. Composition/information on ingredients**

Ingredients	Name	CAS	Proportion	Hazard Symbol	Risk Phrase
	Calcium Hydroxide	1305-62-0	>75 %	Xi	R38, R41
	Sodium Hydroxide	1310-73-2	<3 %	C	R34

**4. First-aid measures**

<b>Inhalation</b>	Remove casualty to fresh air and provide warmth and rest.
<b>Ingestion</b>	Unlikely route of exposure. But if product is swallowed, do NOT induce vomiting. Drink plenty of water and, if necessary seek medical advice.
<b>Skin</b>	Wash affected areas with copious quantities of water immediately. Seek medical advice if effects persist.
<b>Eye contact</b>	Immediately water out eye thoroughly at least 15 minutes with plenty of water until irritation subsides; consult an eye specialist/ophthalmologist.
<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**

<b>Suitable extinguishing media</b>	Use appropriate fire extinguisher for surrounding environment. Chemical powder, carbon dioxide dry sand or water.
<b>Specific hazards arising from the chemical</b>	Material is non-combustible. Packaging may be combustible.
<b>Precautions in connection with Fire</b>	Breathing apparatus may be required.

**6. Accidental release measures**

<b>Spills &amp; Disposal</b>	In the event of spillage, use absorbent (soil, sand or inert medium) place into tightly closed containers. Adhere to personal protective measures. Flush the remainder with plenty of water. Label container and dispose of as hazardous waste.
<b>Personal Precautions</b>	Avoid inhaling dust. Avoid skin and eye contact.
<b>Personal Protection</b>	Use personal protective equipment listed in Section 8.
<b>Environmental Precautions</b>	Do not allow to get into waste water or waterways; if this occurs inform the relevant water authority at once.

**7. Handling and storage**

<b>Precautions for Safe Handling</b>	Handle in accordance with good hygiene and safety practice. Avoid the raising and deposition of dust.
<b>Conditions for safe storage, including any incompatibilities</b>	Ensure adequate ventilation of the storage area. Keep containers tightly closed, cool (0-35°C) and dry, avoiding direct sunlight.

**8. Exposure controls/personal protection**

Occupational exposure limit values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Calcium Hydroxide			5		
	Sodium Hydroxide			2		Peak limitation

**Appropriate engineering controls** 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.



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<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. Recommendation: rubber gloves.
<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**

<b>Appearance</b>	White or coloured solids.
<b>Odour</b>	None.
<b>Solubility in Water</b>	Slightly soluble.
<b>pH</b>	pH 12 - 14
<b>Flammability</b>	Non combustible material.

**10. Stability and reactivity**

<b>Chemical Stability</b>	Material is stable. Converts to calcium and sodium carbonates when exposed to air.
<b>Conditions to Avoid</b>	Air and incompatibles.
<b>Incompatible Materials</b>	Chloroform and trichloroethylene. Heat is generated when exposed to acids.

**11. Toxicological Information**

<b>Acute Toxicity - Oral</b>	LD (lo) rabbit (oral) 500 mg/kg Data for sodium hydroxide. LD50 rat (oral) >7000 mg/kg Data for calcium hydroxide.
<b>Skin</b>	Causes irritation.
<b>Eye</b>	Causes irritation.
<b>Other Information</b>	Although using the 'conventional method' under CHIP or 'specific concentration' limits under CLP, the product classification would be 'corrosive', using EU official in vitro tests on the whole product, it was found to be irritating to eyes and skin, not corrosive.

**12. Ecological information**

<b>Ecotoxicity</b>	No risk of prolonged damaged to animal or plant life. Converts to naturally occurring minerals.
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**13. Disposal considerations**

<b>Disposal Considerations</b>	Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and 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 (ADG); by the IATA Air Transport Dangerous Goods Regulations; or by the IMDG (International Maritime Dangerous Goods) Code.
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**15. Regulatory information**

<b>Poisons Schedule</b>	S6
<b>Hazard Category</b>	Irritant

**16. Other Information**

<b>Literature References</b>	'Standard for the Uniform Scheduling of Medicines and Poisons No. 4', Commonwealth of Australia, June 2013. Lewis, Richard J. Sr. 'Hawley's Condensed Chemical Dictionary 13th. Ed.', Rev., John Wiley and Sons,
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# Safety Data Sheet

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CS: 1.7.2

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**Contact  
Person/Point**

Inc., NY, 1997.  
National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.', 2007.  
Safe Work Australia, 'National Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals', 2011.  
Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand, 2010.  
Safe Work Australia, 'Approved Criteria for Classifying Hazardous Substances [NOHSC:1008 (2004)]'.  
Safe Work Australia, 'Hazardous Substances Information System, 2005'.  
Safe Work Australia, 'National Code of Practice for the Labelling of Safe Work Hazardous Substances (2011)'.  
Safe Work Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)]'.  
Paul McCarthy Ph. (08) 8440 2000    **DISCLAIMER STATEMENT:**  
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