

# SAFETY DATA SHEET

## *Rapid Hard L*

**Non-Hazardous Substance, NON-Dangerous Goods**

### Section 1: Identification

<b>Product Identifier</b>	Lithium Concrete Densifier Trade name: <b>Rapid Hard L</b>
<b>Recommended Use</b>	High performance pure Lithium Concrete Densifier to densify the surface of concrete to provide for increased permeability resistance and penetration of stains and water.
<b>Details of supplier of the SDS</b>	Concrete Chemical Company Suite 1005 4/16 Beenleigh Redland Bay Rd Loganholme Q 4127 <b>Contact Person</b> Scott Swift, Managing Director  <b>24/7 Emergency</b> 1300 792 207  <b>Email</b> sales@concretechemical.co

### Section 2: Hazard Identification

All chemicals are safe if handled correctly, when one take precautions for the hazard potential. The following must be read and understood by product users.

<b>2.1 Classification of the substance or mixture</b>	Classified as non-hazardous and not dangerous goods according to the criteria of GHS, NOHSC and ADG Code
<b>2.2 Signal Word</b>	Warning
<b>2.3 Poison Schedule</b>	Not allocated
<b>2.4 Hazard Statements</b>	



- H315 Causes skin irritation
- H317 May cause allergic skin reaction
- H319 Causes serious eye irritation

#### Precautionary Statement - Prevention

- P102 Keep out of reach of children
- P103 Read label before use
- P104+P202 Read Safety Data Sheet before use
- P264 Wash arms, hand and face after handling
- P273 Avoid release into the environment
- P280 Wear gloves and eye protection

#### Precautionary Statement - Response

- P101 If medical advice is needed, have product container or label at hand
- P302+P352 If on skin wash with plenty of water
- P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, continue rinsing.
- P310 If ingested or swallowed call a Poisons Centre for advice
- P332+P313 If skin irritation occurs: Get medical attention
- P362 Take off contaminated clothing and wash before use

#### Storage Precautionary Statement

- P405 Keep locked up

#### Disposal Precautionary Statement

- P501 Dispose of contents in accordance with local/national regulations

### Section 3: Composition of Substance or Mixture

Chemical Name	CAS Number	Percentage
Lithium Silicate	12627-14-4	Less than 40%
Proprietary ingredients	-	Less than 20%
Water	-	Balance to 100%

## Section 4: First Aid Measures

### 4.1 General First Aid Information

#### Eye Contact

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. May cause irritation, redness, pain and tearing. Seek medical attention.

#### Inhalation

Not considered a hazard

#### Skin Contact

If on skin: wash immediately with plenty of soap and water. May cause redness irritation and burns. If irritation and pain continue seek medical advice.

#### Ingestion

Immediately rinse mouth with water. Give water to drink. Do not induce vomiting without medical advice, Call a doctor if necessary.

#### Advice to Doctor

Treat symptomatically. Contact **Poisons Information Centre Australia 131 126**

### 4.2 Symptoms Caused by Exposure

Warning, Chronic Dermatitis may develop from repeated skin exposures.

## Section 5: Fire-Fighting Measures

Not flammable but if involved in a fire use CO2 or dry chemical extinguishers.

There is no explosion risk.

## Section 6: Accidental Release Measures

### 6.1 Personal Precautions, Protective Equipment (PPE) and Emergency Procedures

Wear protective gloves and eye protection.

### 6.2 Clean-up and Containment Methods

Minor hazard. Collect liquid with absorbent or sand. Place in sealed bin. Dispose of waste in accordance with local and state regulations. Generally suitable for land fill if absorbed spillage is in sealed containers.

## Section 7: Handling and Storage

### 7.1 Precautions for Safe Handling and Storage

Maintain high standards of hygiene. As with all chemicals wash hands after use. Avoid contact with eyes, skin and mouth. Do not eat drink or smoke when handling this product.

## Section 8: Exposure Controls / Personal Protection

### 8.1 Occupational Exposure Limit Values.

No exposure standards have been established for this material by SafeWork Australia. However, with all chemicals, exposure should be kept to the lowest possible levels.

Engineering Controls:	No specific controls are needed. Normal room or worksite ventilation is adequate.
Respiratory Protection:	Normal room ventilation is adequate.
Skin Protection:	Wear protective chemical resistant gloves.
Eye Protection:	Wear safety glasses or goggles.

### 8.2 Personal Protective Equipment

Wear protective gloves and safety glasses or goggles for eye protection. Normal room ventilation is adequate.

## Section 9: Physical and Chemical Properties

Appearance	Transparent Liquid
Odour	Odourless
Odour Threshold	Not applicable
pH	Approximately 7.0
Initial Boiling Point	Commences 100°C
Flash Point	Not applicable
Flammability	Not flammable
Explosive Limits	Not applicable
Vapour Pressure	Data not available
Specific Gravity	0.97
Viscosity	Viscous liquid
Solubility in Water	100% soluble
Explosive Properties	Not applicable
Oxidising Properties	Data not available
Auto Ignition Temperature	Not applicable
Decomposition Temperature	Will not decompose

## Section 10: Stability and Reactivity

- 10.1 Reactivity and Chemical Stability**  
Stable under normal conditions of use.
- 10.2 Possibility of Hazardous Reaction**  
Hazardous polymerization will not occur.
- 10.3 Conditions to Avoid**  
Stable under normal conditions.
- 10.4 Hazardous decomposition Products**  
Not applicable.

## Section 11: Toxicological Information

### Acute Toxicity – Oral Exposure

Ingestion may irritate the gastric tract causing vomiting and nausea. LD50 rate greater than 3,000 mg/kg.

### Acute Toxicity – Dermal Exposure

Not considered to have any negative effects

### Acute Toxicity – Inhalation Exposure

Not applicable. Not expected to be a respiratory sensitizer.

### Acute Toxicity – Other Information

No data available on the product itself.

### Skin Corrosion and Irritation

Not thought to produce any negative effects on the skin

### Serious Eye Damage and Irritation

Not thought to produce any negative effects on the eyes. However, eye protection should be worn when handling any chemicals.

### Cell Mutagenicity

Not considered mutagenic.

### Carcinogenicity

Not considered to be carcinogenic.

### Reproductive Toxicity

Not applicable.

### Target Organ Toxicity from Single Exposure

No data available.

### Target Organ Toxicity from Repeated Exposure

Not data available.

### Aspiration hazard

No data available.

### Additional Toxicity Information

Data not available

## Section 12: Ecological Information

- 12.1 Ecotoxicity**  
Not classified as toxic to aquatic life. Dispose of contents in accordance with local, state and federal regulations.
- 12.2 Persistence and Degradability**  
Data not available.
- 12.3 Bioaccumulative Potential**  
Data not available.
- 12.4 Mobility in Soil**  
Data not available
- 12.5 Other adverse Ecological Effects**  
Data not available

## Section 13: Disposal Considerations

- 13.1 Waste Treatment Methods**  
Do not allow into drains or watercourses. Wastes are not controlled wastes but should be disposed of in accordance with any applicable regulations. Spillages and small amounts can be absorbed into sand or other medium and disposed of as solid waste.

## Section 14: Transportation Information

- 14.1 UN Number**  
None
- 14.2 Proper Shipping Name or Technical Name**  
Water-based liquid
- 14.3 Transport Hazard DG Class**  
None
- 14.4 Packing Group**  
Not required
- 14.5 Special Provisions**  
No data available
- 14.6 Label**  
Warning
- 14.7 Hazchem code**  
None
- 14.8 EPG Number**  
None

## Section 15: Regulatory Information

- 15.1 General Information**  
No data available
- 15.2 Poisons Schedule**  
Not allocated
- 15.3 National / Regional Inventories**  
AICS listed

## Section 16: Other Information

- 16.1 Revision and Date of SDS**  
Issue number 1, dated 09 July 2024

### Disclaimer

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Concrete Chemical Company cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their Concrete Chemical Company representative or Concrete Chemical Company at the contact details on page 1.

Concrete Chemical Company responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.

**End of Safety Data Sheet**