



# MATERIAL SAFETY DATA SHEET

---

## SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

---

### Product Name: CALCIUM, LIME AND RUST REMOVER

Company: Recochem Inc. ABN: 69 010 485 999  
Address : 1809 Lytton Road, Lytton, Queensland 4178  
Phone: (07) 3308 5200 Fax: (07) 3308 5201  
Emergency Telephone Number: (07) 3308 5200 Day, After Hours 1300 131 001

Other Names: None  
Manufacturer's Product Code: 16413  
Recommended Use: Acidic Liquid Detergent

---

## SECTION 2 HAZARDS IDENTIFICATION

---

**CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA  
A DANGEROUS GOODS ACCORDING TO THE CRITERIA OF THE ADG CODE**

**Symbol:** None  
**Risk Phrases:** R52 - Harmful to aquatic organisms  
R53 - May cause long-term adverse effects in the aquatic environment  
**Safety Phrases:** S2 - Keep out of the reach of children  
S7 - Keep container tightly closed  
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
S28 - After contact with skin wash with plenty of water  
S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection  
S61 - Avoid release to the environment. Refer to special instructions/Material Safety Data Sheets

---

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

---

Ingredients	CAS Number	Proportion (%)
Chemical Entity		
Sulphamic Acid	5329-14-6	< 10
Glycolic Acid	79-14-1	< 10
Surfactants		< 5
Ingredients determined to be non-hazardous		Balance

---

## SECTION 4 FIRST AID MEASURES

---

### FIRST AID TREATMENT

**Swallowed:** If swallowed, do NOT induce vomiting. Give a glass of water and seek immediate medical attention.  
**Eye:** If in eyes, hold eyes open, flood with water for at least 15 minutes and seek immediate medical attention.  
**Skin:** If skin contact occurs, wash skin thoroughly with water and follow by washing with soap if available. If any irritation persists, seek medical attention.  
**Inhaled:** Remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.

**First Aid facilities:** Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.

**Advice to Doctor:** Treat symptomatically.

**Additional Information:** None available.

---

**Product: CALCIUM, LIME AND RUST REMOVER**

---

**SECTION 5 FIRE FIGHTING MEASURES**

---

**Fire/Explosion Hazard:** This product is not combustible. Fire or excessive heat may produce hazardous decomposition products such as nitrous gases and sulphur oxides. In the event of a fire, fire fighters to wear self-contained breathing apparatus. Use water fog, or fine spray mist to extinguish.

**Additional Information:** Hazchem code 2X.

---

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

---

Observe all local and national regulations.

**Spills and Disposal:** Spills may be slippery. Remove non-essential personnel from the area. Ensure that any alkalis, chlorine based or other products of incompatible classes near the spill are removed. Dam and recover. Prevent entry into drainage systems, sewers and waterways. Collect with inert absorbent material such as sand or earth. Consult Local Authority on disposal.

---

**SECTION 7 HANDLING AND STORAGE**

---

**Precautions for Safe Handling and Storage:** Dangerous Goods for storage. When not being used, the product containers should be stored upright, and secured with the original closure. If transfer to another container becomes necessary, ensure that the container is clearly labelled, the container is of a type suitable for the product, and is clean and free of other materials. Do not store near chlorine based chemicals. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands.

**Dispensing:** Always use clean and dry equipment to dispense the product. Dispenser should be cleaned before and after use. All dispensers should be washed out after use.

**Flammability:** Non-combustible material.

---

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

---

**Exposure Standards:** There are no exposure standards available for this product.

**Biological Limit Values:** No biological limit allocated.

**Personal Protective Equipment:** Use sensible work practices that reduce operator exposure to the product. Protective clothing and equipment must be worn: chemically impervious gloves, safety glasses, overalls, waterproof apron and rubber boots. Respiratory protection should be used if there is a risk of exposure to high vapour concentrations. Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.

**Engineering Controls:** Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists. Keep containers closed when not in use.

---

**SECTION 9 IDENTIFICATION**

---

**PHYSICAL DESCRIPTION / CHEMICAL PROPERTIES**

Appearance	Pale clear yellow liquid
pH:	0 - 1 approx
Vapour Pressure (mmHg @ 20°C):	Not available
Vapour Density (air = 1)	Not available
Boiling Point (°C):	100 approx
Freezing/Melting Point (°C):	0 approx
Solubility in Water	Soluble in water
Specific Gravity (g/ml @ 15°C):	1.20 - 1.30
Flashpoint (°C):	Not Applicable
Flammability Limits (%):	Not Applicable
Auto Ignition Temperature (°C):	Not Available
Percent Volatiles	0

---

**SECTION 10 STABILITY AND REACTIVITY**

---

**Reactivity Hazards:** Do not store near high heat sources, alkaline materials, or strong oxidising or reducing agents. Will react violently with alkaline materials, generating heat. Will react releasing chlorine gas from chlorinated detergents.

---

**Product: CALCIUM, LIME AND RUST REMOVER**

---

**SECTION 11 TOXICOLOGICAL INFORMATION**

---

**HEALTH EFFECTS**

*Acute:*

**Swallowed:** Corrosive. Will cause irritation and possible chemical burns to the mouth and digestive tract.

**Eye:** Will cause severe irritation and reddening. Prolonged contact may cause permanent damage.

**Skin:** Will cause irritation to the skin. Prolonged contact may cause chemical burns.

**Inhaled:** Inhalation of fine mists will cause irritation and possible chemical burns to the respiratory tract and nasal passages.

**Chronic:** No data.

---

**SECTION 12 ECOLOGICAL INFORMATION**

---

**Ecotoxicity:** Concentrated product harmful to aquatic organisms and may cause long-term adverse effects in the aquatic environment. Dilute well with water dispose of as per Local Authority regulations. Do not allow concentrated product to enter drains, waterways or sewers.

---

**SECTION 13 DISPOSAL CONSIDERATIONS**

---

**Disposal Methods:** Ensure waste disposal conforms to local waste disposal regulations.

---

**SECTION 14 TRANSPORT INFORMATION**

---

UN Number:	3264	Proper Shipping Name:	Corrosive liquid N.O.S
Class:	8	Subsidiary Risk:	N/A
Packing Group:	III	Hazchem Code:	2X
Special Precautions for User:			

---

**SECTION 15 REGULATORY INFORMATION**

---

Poisons Schedule : 5

AICS : Components Listed

Dangerous Goods Initial Emergency Response Guide (SAA/SNZ HB76:2010) : 37

---

**SECTION 16 OTHER INFORMATION**

---

Further Information may be obtained by contacting Recochem on (07) 3308 5200

---

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

---