



# MATERIAL SAFETY DATA SHEET

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## SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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**Product Name: SODA ASH (DENSE)**

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: Sodium Carbonate  
Manufacturer's Product Code: 21023  
Recommended Use: Water treatment, detergent ingredient, glass manufacture and other various uses

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## SECTION 2 HAZARDS IDENTIFICATION

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**CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA  
NOT A DANGEROUS GOODS ACCORDING TO THE CRITERIA OF THE ADG CODE**

**Symbols:** Xi - Irritant  
**Risk Phrases:** R36 - Irritating to eyes.  
**Safety Phrases:** S2 - Keep out of the reach of children  
S22 - Do not breathe dust  
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

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## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

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**Hazardous Ingredients**

<i>Chemical Entity</i>	<i>CAS Number</i>	<i>Proportion (%)</i>
Sodium Carbonate	497-19-8	99

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## SECTION 4 FIRST AID MEASURES

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**FIRST AID TREATMENT**

**Swallowed:** Rinse mouth and lips with water, do NOT induce vomiting. If symptoms persist, seek medical attention.  
**Eye:** If in eyes, hold eyes open, flood with water for at least 15 minutes. Seek immediate medical assistance.  
**Skin:** If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available. If irritation occurs seek medical advice.  
**Inhaled:** Remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment. Remove contaminated clothing.

**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.

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## SECTION 5 FIRE FIGHTING MEASURES

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**Specific Hazards:** None.  
**Hazards from combustion products:** None.  
**Fire Fighting Media and Instructions:** None required.  
**Additional Information:** None.

**Product: SODA ASH (DENSE)**

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**SECTION 6 ACCIDENTAL RELEASE MEASURES**

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Observe all local and national regulations.

**Spills and Disposal:** Best cleaned up by vacuum device to avoid generating airborne dust. Keep product out of storm water and sewer drains.

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**SECTION 7 HANDLING AND STORAGE**

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**Precautions for Safe Handling and Storage:** Avoid breathing of or contact with material. Use in well ventilated areas. Wash thoroughly after handling. Avoid contact with skin and eyes and clothing. Do not empty into drains. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands. Protect from moisture to prevent hardening.

**Flammability:** Non-flammable.

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**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**Exposure Standards:** No exposure limits have been set.

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

**Personal Protective Equipment:**

**Respiratory Protection:** If inhalation risk exists a P2 respirator should be worn (AS/NZS 1715 and 1716).

**Hand Protection:** Use impervious gloves and footwear such as PVC (AS/NZS 4501 and AS 2161).

**Eye Protection:** Wear splash resistant safety glasses or a face shield.

**Protective Clothing:** Use chemical resistant glove/gauntlets, boots and apron.

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

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**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

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**PHYSICAL DESCRIPTION / CHEMICAL PROPERTIES**

Appearance	White powder
Odour	No odour
pH:	12 (10% solution)
Vapour Pressure (mmHg @ 20°C):	Not applicable
Vapour Density (air = 1)	N/A
Boiling Point (°C):	No data available
Freezing/Melting Point (°C):	851
Solubility in Water	Soluble
Specific Gravity (g/ml @ 15°C):	2.5 approx
Flashpoint (°C):	Not relevant
Flammability Limits (%):	Not relevant
Auto Ignition Temperature (°C):	Not available
Percent Volatiles	0

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**SECTION 10 STABILITY AND REACTIVITY**

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**Chemical Stability:** Stable under normal conditions of use.

**Conditions to Avoid:** Keep free of moisture.

**Incompatible Materials:** Strong acids.

**Hazardous Decomposition Products:** Carbon oxides, sodium oxides, sodium.

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**SECTION 11 TOXICOLOGICAL INFORMATION**

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**HEALTH EFFECTS**

*Acute:*

**Swallowed:** May be harmful if swallowed.

**Eye:** Irritating to eyes.

**Skin:** May be harmful if absorbed through skin. May cause skin irritation.

**Inhaled:** May be harmful if inhaled. May cause respiratory tract irritation.

**Product: SODA ASH (DENSE)**

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**SECTION 12 ECOLOGICAL INFORMATION**

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**Ecotoxicity:**

Toxicity to fish: LC50- Lepomis macrochirus (Bluegill) – 300mg/l – 96h  
Toxicity to daphnia: EC50 – Daphnia magna (water flea) – 265mg/l – 48h

**Mobility:** No data.

**Persistence/degradability:** No data.

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**SECTION 13 DISPOSAL CONSIDERATIONS**

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

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**SECTION 14 TRANSPORT INFORMATION**

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UN Number:	N/A	Proper Shipping Name:	N/A
Class:	N/A	Subsidiary Risk:	N/A
Packing Group:	N/A	Hazchem Code:	N/A
Special Precautions for User:	None		

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**SECTION 15 REGULATORY INFORMATION**

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Poisons Schedule : 5  
AICS : Listed  
Dangerous Goods Initial Emergency Response Guide (SAA/SNZ HB76:2010): N/A

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**SECTION 16 OTHER INFORMATION**

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

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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.

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