

AUSTRALIAN CHEMICAL REAGENTS  
**SAFETY DATA SHEET**

Date Prepared: December 2020  
Version No: 1

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## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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Product Name: Alkalinity Std 100 mg/L as Na<sub>2</sub>CO<sub>3</sub>  
Product Code: 6237  
Other Names: Nil  
Uses: Analytical Reagent

Supplier: Australian Chemical Reagents  
38-50 Bedford Street Gillman SA 5013

Contacts: Telephone: 61 08 84402000  
Fax: 61 08 84402001  
Emergency Phone: 61 08 84402000 Mon-Fri 8:30am - 5:00pm

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## 2. HAZARDS INFORMATION

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**Hazard classification:** Classified as non-Hazardous according to the Globally Harmonised System of classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

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### Ingredients :

Chemical Entity	CAS No	Proportion
Sodium carbonate	[497-19-8]	<1%
Water	[7732-18-5]	to 100%

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## 4. FIRST AID MEASURES

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Safety showers and eye wash facilities should be provided.

### **Swallowed :**

If conscious wash out mouth with water. Seek medical advice. Show this SDS to medical practitioner.

### **Eye :**

Immediately hold eyelids open and flood with water for at least 15 minutes. Obtain medical aid. Show this SDS to medical practitioner.

### **Skin :**

Remove contaminated clothing. Immediately wash skin thoroughly with water and mild soap. Seek medical advice if irritation persists. Show this SDS to medical practitioner. Launder clothing before reuse.

### **Inhaled :**

Remove from contaminated air. Maintain breathing with artificial respiration if necessary. Seek medical assistance. Show this SDS to a doctor.

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## 5. FIRE FIGHTING MEASURES

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### **Suitable Extinguishing Media:**

Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

### **Hazards From Combustion Products:**

The product will not burn or support combustion

### **Precautions For Fire Fighters and Special Protective Equipment:**

Fire fighters and others who may be exposed to combustion products during fire should wear full protective clothing including positive pressure self-contained breathing apparatus (SCBA). Wear SCBA with full face-piece, operated in positive pressure mode when fighting fires.

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## 6. ACCIDENTAL RELEASE MEASURES

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### Emergency procedures:

Prevent from entering waterways. Restrict access to area. Remove chemicals that can react with the spilled material.

### Methods and materials for containment and clean up:

Use inert material such as sand or earth to contain spill or leak. Absorb spills with chemical absorber or vermiculite and dispose of in accordance with local regulations.

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## 7. HANDLING AND STORAGE

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### Precautions for Safe Handling:

Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure.

### Conditions for Safe Storage:

Store sealed in original container in a cool well ventilated situation away from foods and other chemicals. Do not store in direct sunlight. Keep dry. Observe good hygiene and housekeeping practices.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### National Exposure Standards:

SWA – None known

**Biological Limit Values:** No data available.

### Engineering Controls:

Not required with normal use.

### Personal Protective Equipment (PPE):

The use of nitrile or neoprene gloves complying with AS 2161 and the use of faceshield, chemical goggles or safety glasses with side shield protection complying with AS/NZS 1337 is recommended. If respiratory protection is required use in accordance with AS/NZS 1715 Selection Use & Maintenance of Respiratory Devices and AS/NZS 1716 Respiratory Protective Devices

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance :</b>	Clear liquid
<b>Odour:</b>	Nil
<b>pH:</b>	Not available
<b>Boiling Point (°C) :</b>	100
<b>Freezing/melting Point:</b>	0
<b>Vapour Pressure (mm of Hg @ 25°C) :</b>	Not applicable
<b>Vapour Density:</b>	Not applicable
<b>Specific Gravity :</b>	1
<b>Flash Point (°C) :</b>	Not flammable
<b>Flammability Limits (%) :</b>	Not flammable
<b>Solubility in Water (g/L) :</b>	Soluble

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## 10. STABILITY AND REACTIVITY

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### Chemical stability:

Stable.

### Conditions to avoid:

Exposure to air, excessive heat.

### Incompatible materials:

Acids

### Hazardous decomposition products:

Refer to section 5 (Fire Fighting Measures).

**Hazardous reactions:**

Hazardous polymerization will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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**Health Effects:**

**Swallowed** : Ingestion of a large quantity may cause a feverish reaction and cause leukocytosis. Irritating to gastric system. For sodium carbonate oral rat LD50 4090 mg/kg.

**Eye** : May be irritating to eye tissue. For sodium carbonate 100 mg rinse produced mild irritation to rabbit eyes.

**Skin** : May be irritating to skin tissue. For sodium carbonate 500 mg produced mild irritation to rabbit skin after 24 hours.

**Inhaled** : Mists may be irritating to mucous membranes and upper respiratory tract. For sodium carbonate inhalation rabbit LC50 2300 mg/m<sup>3</sup>/2h.

**Chronic Effects:** No data available.

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## 12. ECOLOGICAL INFORMATION

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**Ecotoxicity:**

No data available. Do not allow to enter waterways.

**Persistence and degradability:**

No data available.

**Mobility:**

No data available.

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## 13. DISPOSAL CONSIDERATIONS

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Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state and local environmental regulations.

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## 14. TRANSPORT INFORMATION

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**UN Number:** Not applicable

**UN Proper Shipping Name:** Non dangerous goods

**Class and subsidiary risk(s):** Not applicable

**Packing Group:** Not applicable

**Hazchem Code:** Not applicable

**Special precautions for user** : Nil

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## 15. REGULATORY INFORMATION

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**Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP):**

Not scheduled

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## 16. OTHER INFORMATION

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END of SDS