



MATERIAL SAFETY DATA SHEET

PRODUCT: Sodium Carbonate

Date of Issue: May 2013

1. IDENTIFICATION OF THE MATERIAL AND THE SUPPLIER

Product Name: Sodium Carbonate
Other Names: Soda Ash Dense, Soda Ash Light, Disodium Carbonate
Carbonic Acid, Disodium Salt, Dry Alkali.
Formula: Na_2CO_3
Recommended Use: General Chemical, detergents, textile processing
Chemical Family: Inorganic salt.

Supplier: Glendale Packaging Pty Ltd
Address: Unit 1/75 Newton Road, Wetherill Park NSW 2164
Telephone Number: (02) 9756 2315
Emergency Telephone: (02) 9756 2315
A.C.N: 114 020 450

2. HAZARDS IDENTIFICATION

Hazard Classification: This material is hazardous according to the criteria of ASCC
Not classified as dangerous goods by the criteria of the Australian Dangerous Goods code.
(ADG Code) for transport by Road and Rail; NON – DANGEROUS GOODS.

Hazard Category: Xi: Irritant Corrosive.

Risk Phrase(s): R36 – Irritating to eyes.

Safety Phrase(s): S22 – Do not breathe dust.
S25 – Avoid Contact with eyes.
S26 – In case of contact with eyes, rinse immediately with plenty
Of water and seek medical advice.
S36/39 – Wear Suitable protective clothing and eye/face
Protection.

SUDSP Classification: Nil

ADG Classification: Nil



3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms: Nil

Appearance: Greyish white powder: hygroscopic (on exposure to air. Will gradually Absorb water).

Ingredients:

Chemical Name:	Risk Phases:	CAS No:	Proportion (w/w):
Sodium Carbonate	R36	497-19-8	>99%

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

4. FIRST AID MEASURES

Poison Information Centres in each state can provide additional assistance for Scheduled poisons. Phone 131126 from anywhere in Australia.

Ingestion:

Rinse mouth with water. DO NOT induce vomiting. Give water to drink. Seek medical advice.

Eye Contact:

Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 30 minutes, by the clock, holding the eyelid(s) open. Remove clothing if contaminated and wash skin. If irritation occurs seek medical attention.

Skin Contact:

Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. If irritation persists, seek medical advice.

Inhalation:

Remove source of contamination or move victim to fresh air. Obtain medical advice immediately.

Other First Aid:

Provide general supportive measures (comfort, warmth, rest). Consult a physician and/or the nearest poison Information Centre.

Advice to Doctor:

Treat symptomatically as for alkali solutions.

5. FIRE FIGHTING MEASURES

Specific hazards:

Non-Combustible material.

**Fire fighting further advice:**

Not Combustible. Decomposes on heating emitting toxic fumes. Fire fighters to wear self contained breathing apparatus and suitable protective clothing, if at risk of exposure to decomposition products.

Suitable Extinguishing media:

Water fog (or if unavailable fine water mist or spray), foam, dry agent (carbon dioxide, dry chemical powder).

6. ACCIDENTAL RELEASE MEASURES

Small Spills:

Avoid breathing dust. Sweep up. Collect and seal in properly labeled drums. Wash remaining area with large volumes of water.

Large Spills:

PRECAUTIONS: Restrict access to area. Clear area of unprotected personnel. Provide adequate protective equipment and ventilation. Remove chemicals which can react with the Spilled material.

CLEAN UP: Contain spill or leak. Do not allow entry into sewers or waterways. Spilled solutions should be contained by dyking with inert material, such as sand or earth. Solutions can be recovered or carefully diluted with water

DISPOSAL: Federal, state and local regulations should be reviewed prior to disposal. May be possible to, dilute and flush the material into a sewer. May be possible to atomise dilute solutions in an approved combustion chamber. May be harmful to aquatic life in high concentrations.

7. HANDLING AND STORAGE

Handling:

Avoid generating mist or spray. When making a solution, add material to water. Label containers. Keep containers closed when not in use.

Storage Conditions:

Store in suitable labeled containers. Keep containers tightly closed when not in use and when empty. Protect from damage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:

No values assigned by NOHSC Australia. Nuisance dust 8hr TWA 10mg/m³.

**Engineering Controls:**

Use in well – ventilated area. Keep containers closed when not in use.

Personal Protection:

Wear overalls and impervious gloves. In solution spray or mist of use goggles or other suitable eye protection. If dust generated use suitable dust mask.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Greyish White Powder.
Odour Threshold:	Not available.
Specific Gravity:	Approx 0.5 bulk density.
Flash point:	Non-combustible (does not burn)
Flammability Limits:	Non-flammable
pH:	11.5 (1% Solution)
Solubility in Water:	20% at 20 deg C.

10. STABILITY AND REACTIVITY

Incompatibility – Reacts with acids, releasing carbon dioxide gas. Hygroscopic.

Hazardous decomposition Products – Oxides of carbon, CO, CO₂

Hazardous Polymerization – Does not occur

Corrosivity to metals – Reactive with soft metals in presence of water.

Explosion Data – Sensitivity to mechanical impact > Not Applicable

Explosion Data – Sensitivity to Static Charge > Not Applicable

Fire Hazard Comments – Will not burn or support combustion.

Fire Extinguishing Agents – Use an extinguisher appropriate to the material which is burning.

Fire Fighting Procedures – Water can be used to extinguish a fire in an area where product is stored.

Combustion Products – Oxides of carbon, CO, CO₂

11. TOXICOLOGICAL INFORMATION

Accute Effects:**Ingestion:**

May cause local irritation to the gastro-intestinal tract causing vomiting and abdominal pain to occur.

Eye Contact:



Sprays and mists can cause eye irritation.

Skin Contact:

Frequent or prolonged contact can cause defatting of the skin leading to drying and cracking.

Inhalation:

Practically non-toxic. May cause eye irritation

Long Term Effects:

There have been no documented effects due to long – term exposure to product.

Toxicity Data:

Oral LD50 (rat) 4000 mg/kg

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Refer to State Land Waste Management Authority. Decontaminate empty containers before disposal, by triple rinsing with water, using rinse water in further processing or neutralize rinse water.

14. TRANSPORT INFORMATION

U.N. Number:	Nil
Proper Shipping Name:	Not Applicable
DG Class:	Not Applicable
Hazchem Code:	Not Applicable
Packing Group:	Not Applicable
EPG:	Not Applicable
Segregation Dangerous Goods:	Not Applicable

15. REGULATORY INFORMATION

Classified as hazardous according to the criteria of NOHSC, Not Scheduled per SUSDP, Not a dangerous good according to Australian Dangerous Goods Code.

R-phrases: R36 Irritating to eyes.

S-phrases: S22 do not breathe dust.
S25 Avoid contact with eyes.



S26 In case of contact with eyes, rinse immediately with plenty of water and Seek medical advice.

S36/39 Wear suitable protective clothing and eye/face protection.

16. OTHER INFORMATION

References: (1) National Code of Practice for the preparation of Material Safety Data Sheets 2nd Edition [NOHSC: 2011 (2003)], (2) List of Designated Hazardous Substances [NOHSC: 10005:1999] (3) ADG Code 6th edition. (4) Orica Chemicals MSDS issued December 2008.

Contact Point: Director Brooke Duggan

Telephone :(02) 9756 2315

DISCLAIMER: All information given in this data sheet and by the company's technical staff is compiled from the information currently available to the company. The company accepts no responsibility whatsoever for its accuracy, or for any results which may be obtained by customers. Any customer who relies upon any advice or information given in this data sheet by the company or by its technical staff does so entirely at its own risk, and the company will not be liable for any loss or damage thereby suffered notwithstanding any want of care on the part of the company or its staff in compiling or giving the advice or information.

END OF MSDS
