

MATERIAL SAFETY DATA SHEET

PRODUCT: SODA ASH

SOLD AS: Premium Quality, Aquasheen, Blue Pools Soda Ash

Date of Issue: 19 July 2003

STATEMENT OF HAZARDOUS NATURE

Classified as hazardous according to criteria of WorkSafe Australia

COMPANY DETAILS

Company: Premium Quality Pool Products Pty Ltd
Address: 13-15 Nelson Avenue Padstow NSW 2211
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PRODUCT IDENTIFICATION

Product Name: Sodium Carbonate, Anhydrous, NF
Other Names: Soda Ash, Light Soda Ash, Dense Soda Ash, Coarse Soda Ash, Carbonic acid, disodium salt, Dry Alkali, Granular Soda Ash, Clear Water Soda ash
UN Number: Not available
DG Class: N/A
Packing Group: N/A
Hazchem Code: Not available
Poisons Schedule: N/A
Use: Glass manufacture, pulp and paper manufacture, water treatment

PHYSICAL DESCRIPTION AND PROPERTIES

Appearance: Opaque white, crystalline or granular solid. Odourless.
Boiling Point: N/A
Melting Point: 851°
Vapour Pressure: N/A
Specific Gravity: 2.53 (compressed solid)
Solubility: Soluble in water. Insoluble in alcohol, acetone and ether.

COMPOSITION

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Proportion (%weight per weight)</u>
Sodium carbonate	497-19-8	99.2%
Inorganic salts, water		<u>0.8%</u>
		100.0%

HEALTH HAZARD INFORMATION

1. Effects from Acute Exposure

- Swallowed:** Swallowing can result in burning of the mouth, throat and stomach, resulting in cramps, vomiting, diarrhoea, and at higher level (20-30g), possible circulatory effects and death.
- Eyes:** An eye irritant.
- Skin:** Contact with skin may result in irritation.
- Inhaled:** Inhalation of dust may result in respiratory irritation.

2. Effects from Chronic Exposure:

The effects of long term low level exposures to this product have not been determined. However, safe handling of this product on a long-term basis should emphasised minimising repeated acute exposures.

Harmful (Xi)
R36 - Irritating to eyes

FIRST AID

- Ingestion:** Rinse mouth with water. Give water to drink. **DO NOT** induce vomiting. Seek medical advice.
- Eyes:** If in eyes, hold eyes open and irrigate with water for at least 15 minutes. Seek medical advice.
- Skin:** If skin contact occurs, remove contaminated clothing immediately and wash before re-use. Wash skin with plenty of cold water. Seek medical advice if irritation occurs.
- Inhalation:** Remove victim from exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.
- Notes to physician:** Treat symptomatically.

FIRST AID FACILITIES

Eye wash and safety shower in area of use

PRECAUTIONS FOR USE

ENGINEERING CONTROLS

Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Avoid generating and inhaling dusts. Use with local exhaust ventilation or while wearing dust respirator. Keep containers closed when not in use.

PERSONAL PROTECTION

Avoid skin and eye contact. Wear overalls, chemical goggles, full-face shield, impervious gloves, and safety shoes. Use with adequate ventilation. If inhalation risk exists, wear respirator, ensure that the cartridges are correct for the potential air contamination and are in good working order. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and protective equipment before re-using.

FLAMMABILITY

Not combustible under normal circumstances. Dust explosion severity tests undertaken by the US Bureau of Mines determined that BCDMH is not ignitable.

STORAGE/HANDLING & TRANSPORT

TRANSPORT

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code for transport by Road and Rail.

STORAGE

Store in a cool, place and out of direct sunlight. Store in a well ventilated area. Keep away from strong acids, aluminium, lead, zinc, magnesium, and iron. Keep dry – reacts with water; may lead to drum rupture. Keep containers closed at all times to prevent absorption of moisture and carbon dioxide from air – check regularly for spills.

SPILLS AND DISPOSAL

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and inhalation of dust. Sweep up but avoid generating dust. Collect and seal in properly labelled drums for disposal. Wash area down with excess water.

FIRE AND/OR EXPLOSION HAZARD

Extinguishing Medium: Not combustible, however, if material is involved In a fire use water fog (or if unavailable fine water spray), foam, dry agent (Carbon dioxide, dry chemical powder)

Special Fire Fighting Instruction: Not combustible. Decomposes on heating emitting toxic fumes including those of carbon dioxide. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition.

CONTACT INFORMATION

CONTACT: CHIEF EXECUTIVE OFFICER: (02) 9790 8777

DISCLAIMER

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