

MATERIAL SAFETY DATA SEETS

PRODUCT: BAQUACIL

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: Baquacil
Other Names: Polymeric Biguanide Hydrochloride 20%
UN Number: 3082
DG Class: 8
Packing Group: 11
Hazchem Code: 2P
Poisons Schedule: S5
Use: Oxidising agent used in various industries including the pool and spa industry.

PHYSICAL DESCRIPTION AND PROPERTIES

Appearance: Clear, colourless liquid with sharp odour.

Concentration: 100%

COMPOSITION

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Proportion</u>
Polymeric Biguanide Hydrochloride 20%	27083-27-8	100%

HEALTH HAZARD INFORMATION

Effects from Acute Exposure

- Swallowed:** Will cause severe burns to the mouth, throat and stomach resulting in vomiting, diarrhoea and abdominal pain.
- Eyes:** Risk of serious damage to the eyes which could result in permanent injury.
- Skin:** Very corrosive. Causes severe burns.
- Inhaled:** The vapour is irritating to the respiratory system causing coughing, choking, inflammation and ulceration of the respiratory tract. Exposure to high vapour concentration may lead to lung damage.

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 be emphasised minimising repeated acute exposures.

FIRST AID

- Ingestion:** If conscious, drink large quantities of water immediately. **DO NOT** induce vomiting. Seek immediate medical attention. Poison Information Centre phone **13 11 26** Australia wide.
- Eyes:** If in eyes, hold eyes open, flood with water for at least 15 minutes and see a Doctor immediately.
- Skin:** If skin contact occurs, remove contaminated clothing immediately and wash skin with plenty of cold water. See a Doctor immediately.
- Inhalation:** Remove victim from exposure – avoid becoming a casualty. If breathing laboured and patient cyanotic (blue), ensure airways are clear and have qualified person give oxygen through a face mask. If breathing has stopped apply artificial respiration at once. In the event of cardiac arrest, apply external cardiac massage. Seek urgent medical attention.

FIRST AID FACILITIES

Eye wash and safety shower

PRECAUTIONS FOR USE

ENGINEERING CONTROLS

Use adequate ventilation to maintain atmospheric dust and vapour concentration at lowest practicable level. Avoid generating and inhaling dusts.

PERSONAL PROTECTION

Avoid skin and eye contact. Wear overalls, chemical goggles, full-face shield, impervious gloves, rubber boots and rubber apron when working with large volumes. 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 AND HANDLING

PACKING AND LABELLING:

Spills And Disposal

Wear protective equipment to prevent skin and eye contamination and inhalation of dust. Contain spilled material and clean up immediately to prevent contamination of product. Keep spilled material dry if possible. Sweep, scoop, or vacuum all spilled material and contaminated soil, etc/. and place in clean dry containers for disposal. Keep unneutralised product out of sewers, watersheds and water systems.

For disposal, refer to the **State Land waste Management Authority**. Incineration is recommended at approved waste incinerator if material is dry. Do not dispose of filled or partially filled containers in waste compactors. Common contaminants, such as oil, sawdust and floor sweeping compounds, can cause spontaneous decomposition if the material at ambient temperatures, resulting in rupture of containers. Do not re-use empty containers; triple-rinse and dispose of properly. Never transport wet material.

FIRE AND/OR EXPLOSION HAZARD

Not combustible under normal circumstances. In fires fuelled by other materials, this product may smoulder for prolonged periods, liberating dense black smoke.

Extinguishing Medium: Use large amounts of water only; smothering is ineffective due to products ability to supply oxygen under combustion. Due to the potential for violent reaction, do not use dry chemical or ammonium phosphate-based fire extinguishers.

Special Fire Fighting Instruction: Fire fighters or others exposed to products of combustion should wear full protective clothing including self-contained breathing apparatus. Thoroughly decontaminate clothing after use.

Hazardous Combustion Products: Decomposes above 145°C liberating range of toxic and corrosive gases, including bromine, chlorine, hydrogen bromine and hydrogen chloride; containers may rupture.

CONTACT INFORMATION

CONTACT: CHIEF EXECUTIVE OFFICER: (02) 9790 8777

DISCLAIMER

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