

MATERIAL SAFETY DATA SHEET

PRODUCT: BUSAN 77

SOLD AS: Concentrated Blackspot Treatment & Maintenance

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
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PRODUCT IDENTIFICATION

Product Name: Busan 77
Other Names: Concentrated Blackspot Treatment & Maintenance
UN Number: Not applicable
DG Class: Not applicable
Packing Group: Not applicable
Hazchem Code: Not applicable
Uses: Industrial microbicide, typically applied direct via a chemical Metering pump.

PHYSICAL DESCRIPTION AND PROPERTIES

Appearance: Clear, pale yellow liquid with mild odour
Boiling Point: >100°C
Vapour Pressure: Not tested
Specific Gravity: 1.5 @ 25°C
Solubility: Soluble in water
pH, neat: 6-8
pH: 100ppm 6-7

COMPOSITION

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Proportion</u>
Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylene dichloride]	31075-24-8	% by weight 60

Other ingredients are determined not to be hazardous, based on available information

HEALTH HAZARD INFORMATION

Effects from Acute Exposure

- Swallowed:** May be harmful if swallowed.
Acute oral LD50 (rats): Male 1951mg/kg, Female 2587 mg/kg
- Eyes:** Irritating to the eyes
- Skin:** Non-irritating to skin. LD50 (Rabbit): >2000mg/kg.
- Inhaled:** Harmful by inhalation. LC50 (Rats): 2.9 mg/l (4 hour exposure)

Effects from Chronic Exposure

The effects from chronic exposure have not been fully evaluated. However studies with male rats and female and male mice show no evidence of carcinogenic response. A two year rat carcinogenicity study showed a slight increase in c-cell adenomas in female rats. This product is not considered a carcinogen. Dermal sensitisation studies in guinea pigs show no evidence of sensitisation.

As with any chemical, ingestion, inhalation, and prolonged and repeated skin contact should be avoided by good occupational work practice.

FIRST AID

If poisoning occurs, contact a doctor or poisons Information Centre.

- Ingestion:** **DO NOT** induce vomiting. Rinse mouth with copious amounts of water. This should then be followed by 1 to 2 glasses of water. Seek immediate medical attention. Poison Information Centre phone **13 11 26** Australia wide.
- Eyes:** If in eyes, hold eyes open, flood with water or normal saline for at least 15 minutes. Take individual to a health care professional, preferably an ophthalmologist, for further evaluation.
- Skin:** Wash exposed area with plenty of soap and water. Repeat washing. Remove contaminated clothing and wash thoroughly before reuse. If irritation persists, consult a health care professional.

Inhalation: Remove victim from exposure – avoid becoming a casualty. If individual experiences nausea, headache, and dizziness or has difficulty breathing, seek a health care professional immediately.

Advice to doctor: No specific antidote is known. Treat symptoms. Medical consultation is available 24 hours a day. Call the Buckman office on **0408 255 124**. If no response, call toll free on **1800 127 295**.

FIRST AID FACILITIES

Eye wash and safety shower

PRECAUTIONS FOR USE

EXPOSURE STANDARDS

No exposure standards have been allocated for this product.

ENGINEERING CONTROLS

Use in a well ventilated area.

PERSONAL PROTECTION

Rubber gloves, overalls, safety shoes and safety glasses or goggles are required. Wear breathing protection if the risk of inhalation of mists exists.

FLAMMABILITY

Not combustible under normal circumstances.

STORAGE AND HANDLING

STORAGE AND TRANSPORT

Store in a cool, dry, ventilated area, away from direct sunlight. Do not store near anionic polymers. UN No. (none allocated), ACTDG (none allocated), Packaging Group (none allocated).

SPILLS AND DISPOSAL

Large Spills: Dam area to prevent spill from spreading. Pump into appropriate containers. If not useable, dispose of as below.

- Small Spills:** Absorb small spills with dry sand, earth, or other non-combustible material for later disposal. Wash away residues with water.
- Disposal:** Follow federal, state and local regulations governing the disposal of waste materials.
- Product Disposal:** Product is not hazardous waste and can be disposed of in an approved landfill
- Container Disposal:** Rinse empty drums and send to nearest drum reconditioner. Return empty polyboxes to Buckman Laboratories.

FIRE AND/OR EXPLOSION HAZARD

Not tested.

- Extinguishing Medium:** Water foam, carbon dioxide, dry chemical.
- Hazardous Decomposition:** Unknown, but carbon monoxide may be released on burning.
- Fire fighting Procedure:** Self contained breathing apparatus is required.

CONTACT INFORMATION

CONTACT: CHIEF EXECUTIVE OFFICER: (02) 9790 8777

DISCLAIMER

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