

MATERIAL SAFETY DATA SHEETS

PRODUCT: CHITOSAN

SOLD AS: PQ Crystal Clear Ultra Blue Clarifier

Date of Issue: 19 July 2003

STATEMENT OF HAZARDOUS NATURE

Not 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
Telephone: (02) 9790 8777
Facsimile: (02) 9790 8555

PRODUCT IDENTIFICATION

Other Names: N/A
Product Code: 181
UN Number: N/A
DG Class: N/A
Secondary Risk: N/A
Packing Group: N/A
Hazchem Code: N/A
Poisons Schedule: N/A
Use: Swimming pool clarifier and oil remover
Other Properties: Vinegary Odour.

PHYSICAL DESCRIPTION AND PROPERTIES

Appearance: Blue clear liquid
Boiling Point: 100° C
Melting Point: N/A
Vapour Pressure: N/A
Specific Gravity: 1.02 (water = 1)
Solubility: Miscible Lower Explosion Limit N/A
Flash Point: N/A
Flammability Limits: (as % vol in air) N/A

COMPOSITION

| <u>Chemical Name</u> | <u>CAS No</u> | <u>Proportion</u> |
|----------------------|---------------|-------------------|
| Chitosan | 9012-76-4 | |
| Acetic Acid | 64-19-7 | <1% |

HEALTH HAZARD INFORMATION

No adverse health effects should be anticipated if the product is used in accordance with this MSDS and the product label. If the product is not used properly the following may occur:

Effects from Acute Exposure

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| Swallowed: | Swallowing can result in nausea. |
| Eyes: | Mild eye irritant. |
| Skin: | None known. |
| Inhaled: | In a poorly ventilated area of at high temperatures or in confined spaces the vapours may cause headache and nausea. |

FIRST AID

| | |
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| Swallowed: | Immediately rinse mouth. |
| Eye: | Immediately irrigate with copious quantities of water for at least 15 minutes. Hold eyelids open. |
| Skin: | Immediately wash skin contaminated with plenty of water. |
| Inhaled: | Remove victim from exposure – avoid becoming a casualty. |
| Advice to Doctor: | Treat symptomatically and as for exposure to mild .organic acid solution. |

FIRST AID FACILITIES

Eye wash and safety shower

PRECAUTIONS FOR USE

ENGINEERING CONTROLS

VENTILATION

Normal ventilation should be sufficient under normal conditions. Keep containers closed when not in use.

PERSONAL PROTECTION

Always wash hands before smoking, eating, drinking or using the toilet.

FLAMMABILITY

Non flammable.

STORAGE AND HANDLING

Transport or store in a cool, dry area away from direct heat. Keep container tightly closed when not in use.

SPILLS AND DISPOSAL

Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination.

DISPOSAL

Refer to **State Land Waste Management Authority**. Decontaminate empty containers.

FIRE AND/OR EXPLOSION HAZARD

Non combustible. Decomposes on heating carbon dioxide and carbon monoxide.

Extinguishing Medium:

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

Environmental Impact

Avoid contaminating waterways.

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| CONTACT INFORMATION |
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CONTACT: CHIEF EXECUTIVE OFFICER: (02) 9790 8777

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| DISCLAIMER |
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