

MATERIAL SAFETY DATA SHEETS
PRODUCT: POLY -ALUMINIUM CHLORIDE
SOLD AS: PQ Crystal Clear Ultra Blue Super Flocc

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
Telephone: (02) 9790 8777
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PRODUCT IDENTIFICATION

Other Names: N/A
Product Code: 60
UN Number: N/A
DG Class: N/A
Secondary Risk: N/A
Hazchem Code: N/A
Poisons Schedule: N/A
Use: Swimming pool clarifier and flocc

PHYSICAL DESCRIPTION AND PROPERTIES

Appearance: Slightly yellow 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
pH: 3.5-4.5
Explosion Limit: N/A

COMPOSITION

Chemical Name	CAS No	Proportion
Poly-Aluminium Chloride	120420-91-0	24%

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

Swallowed:	Swallowing can result in nausea, vomiting. Possible systemic effects.
Eyes:	May cause irritation and redness which should cease on removal of the product.
Skin:	May cause skin irritation with prolonged contact. A mild human skin irritant.
Inhaled:	Not an inhalant hazard under normal conditions of use. May cause irritation to the respiratory tract if sprays or mists are inhaled. No vapour, product is not volatile.
Effects from Chronic Exposure:	Slight irritation may occur especially with prolonged or repeated exposure to the product.

R34 - Causes burns

FIRST AID

Swallowed:	Give water to drink, induce vomiting. Note: opinion varies regarding the induction of vomiting. In small doses the induction of vomiting is questionable and should be taken on a case by case basis. This material will cause difficulty in swallowing and it is unlikely that any significant dose could be ingested. If in doubt seek medical advice.
Eye:	Immediately irrigate with copious quantities of water for at least 15 minutes. Hold eyelids open. If there is any irritation obtain medical attention immediately.
Skin:	Immediately wash skin contaminated with plenty of water. Wash contaminated clothing before re-use.

Inhaled: No vapour, can only be inhaled as a mist of aerosol and any dose will bring on unpleasant reaction, dry mouth taste. Remove from source of mist, allow patient to stabilise fresh air. If problems or symptoms persist seek medical attention.

Advice to Doctor: Treat symptomatically.

FIRST AID FACILITIES

Eye wash and safety shower

PRECAUTIONS FOR USE

ENGINEERING CONTROLS

Ensure normal ventilation in confined areas. Keep containers closed when not in use.

PERSONAL PROTECTION

Avoid skin and eye contact. Wear light protective clothing, chemical resistant goggles, chemical resistant gloves. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

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

Apply absorbent material such as sand, earth, sawdust or vermiculite then shovel into suitable container for removal by waste management contractors. Traces should be hosed away with large amounts of water.

DISPOSAL

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

FIRE AND/OR EXPLOSION HAZARD

Non combustible. Severe overheating may produce Hydrogen Chloride gas and Aluminium Oxide.

Extinguishing Medium:

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

Environmental Impact

Avoid contaminating waterways or sanitary sewer systems.

CONTACT INFORMATION

CONTACT: CHIEF EXECUTIVE OFFICER: (02) 9790 8777

DISCLAIMER

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