

MATERIAL SAFETY DATA SHEET

PRODUCT: SPA BATH & CARTRIDGE CLEAN

Date of Issue: 19 July 2003

STATEMENT OF HAZARDOUS NATURE

Classified as hazardous according to criteria of WorkSafe Australia

COMPANY DETAILS

Company: International Quadratics Pty Ltd
Address: 13 Nelson Ave, Padstow NSW 2211
Telephone: (02) 9790 4200
Facsimile: (02) 9790 5200

PRODUCT IDENTIFICATION

Product Code: IQSC
Product Name: Spa Bath & Cartridge Clean
Other Names: N/A
UN Number: N/A
DG Class: 8
Hazchem Code: 2X
Poisons Schedule: 5
EPG: 8A1
Use: General-purpose alkali cleaner for Spa Baths and Filter Cartridges.

PHYSICAL DESCRIPTION AND PROPERTIES

Appearance: White, free flowing powder or granule.
Flammability Limit: May assist in combustion.
Flashpoint: Not Applicable.
Melting Point: N/A
Solubility in water: Good

COMPOSITION

<u>Chemical Name</u>	<u>CAS number:</u>	<u>Proportions</u>
Alkaline Salts, Sodium Percarbonate, Sodium Tripolyphosphate. Bromo-chloro-dimethyl-hydantoin (BCDMH)	N/A	66% alkaline salts and 4.5% available oxygen as sodium Percarbonate 2 1/2gms/kg available chlorine

HEALTH HAZARD INFORMATION

Effects from Acute Exposure

- Ingestion:** Corrosive – harmful or fatal if swallowed. If phosphates are ingested in large amounts, nausea, vomiting and diarrhoea may be probable. Moderately toxic by ingestion. Poisoning may affect the blood calcium level.
- Eyes:** Corrosive – causes burns. Pain, tearing and redness in eyes.
- Skin:** Causes irritation – itching or burning skin.
- Inhalation:** Corrosive – causes burns to respiratory tract. Burning pain in nose and throat. Do not breathe dust.

Effects from Chronic Exposure

No known chronic hazards. Not listed by OSHA, NTP or IARC as a carcinogen.

FIRST AID

- Ingestion:** Do NOT induce vomiting. If conscious, drink large quantities of water or milk. Seek medical attention immediately. Do NOT give anything by mouth to an unconscious person.
- Eyes:** Immediately irrigate with copious quantities of water for at least 15 minutes. Retract eyelids often. Seek medical attention.
- Skin:** Immediately wash contaminated area with plenty of water. Remove contaminated clothing and shoes.
- Inhalation:** Move victim into fresh air and seek medical attention.
- Advice to doctor:** Medical conditions aggravated by exposure: asthma, skin and lung diseases. Phosphates are laxatives. Treat symptomatically based on judgement of doctor and individual reactions of patient.

FIRST AID FACILITIES

Eye wash and safety shower in area of use

PRECAUTIONS FOR USE

Exposure Standard:	Have not been established. Recommended ceiling limit – 2mg/M3.
Engineering Controls:	Use with adequate ventilation. Keep container closed.
Personal Protection:	Use NIOSH approved dust respirator where dust occurs. Wear rubber gloves. Ensure eye wash and safety shower is available. Do NOT get in eyes, on skin or clothing. Wash contaminated clothing before reuse.
Flammability:	Not flammable under conditions of use. Non-combustible.

STORAGE AND HANDLING

Storage and Transport:	Not a hazard. Store in dry conditions above the freezing point (+-3°C).
Spills:	No data available. Sinks and mixes with water. Sweep, scoop or vacuum discharged material. Flush residue with water. Observe environmental regulations. Neutralise with dilute acid.
Disposal:	(After treatment above) Observe all Local, State and Federal regulations before you dispose to a landfill. Flush neutralised liquid to sewer with plenty of water.
Fire/Explosion Hazard:	Non-combustible. No data available.
Extinguishing Medium:	Use media in accordance to surrounding media.

OTHER INFORMATION

Exothermal reaction with acid.

Reacts with aluminium, zinc, tin and alloys of these metals with liberation of hydrogen, which is flammable and forms an explosive mixture with air.

CONTACT INFORMATION

CONTACT: GENERAL MANAGER (02) 9790 4200

DISCLAIMER

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