MATERIAL SAFETY DATA SHEET

PRODUCT: SODIUM DICHLORISOCYANURIC ACID

SOLD AS: Premium Quality, Aquasheen, Blue Pools Stabilised Chlorine Premium Quality, Aquasheen Salt Water Boost

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

Chemical Name:	1.3 DICHLORO-1,3,5,-TRIAZINE-2,4,6 (1H, 3H, 5H)-TRIONE SODIUM SALT
Product Name:	Sodium Dichloroisocyanurate
Shipping Name:	DICHLORISOCYANURIC ACID, DRY
Other Names:	NEO-CHLOR 60, SDIC, Dichlor, Sodium Dichloro-s-triazinetrione
UN Number:	2465
DG Class:	5.1
CAS No:	2893-78-9 [1]
EINECS No:	220-767-7 [1]
Packaging Group:	II
Hazchem Code:	2WE

PHYSICAL DESCRIPTION AND PROPERTIES

Appearance:	White crystalline granular and slight chlorine odour
Boiling Point:	N/A
Melting Point:	Decomposes at 240 degrees celsius
Vapour Pressure:	N/A
Specific Gravity:	(water = 1) : 2.03
Flash Point:	N/A
Flammable Limit:	N/A
Level:	N/A
Solubility in Water:	25g/100ml H2O at 25 degrees celsius
PH Value of 1% Solution:	6.5
Gross Molecular Formula:	219.95

HEALTH HAZARD INFORMATION

Effects from Acute Exposure

Ingestion: May be harmful by ingestion. Ingestion can result in nausea, vomiting, diarrhoea, abdominal pain and convulsions.

Eye: Granular solid or dust causes burns and is a severe eye irritant. Contamination of eyes can result in permanent injury.

Skin: Contact with skin may cause burns and may result in redness or blistering.

Inhalation: May be harmful by dust inhalation. Inhalation of dust may result in respiratory irritation and possible harmful effects Chlorine evolved from decomposition when wet is a severe respiratory irritant, corrosive and highly toxic. Delayed effects can include shortness of breath, violent headaches, pulmonary oedema and pneumonia.

Chronic: No known effects\

Harmful (Xn) R22 - Harmful if swallowed..
R31 - Contact with acids liberates toxic gas..
Harmful (Xi)
R36/37 - Irritating to eyes and respiratory system

FIRST AID

Ingestion: Rinse mouth with water and then give plenty of water to drink. DO NOT induce vomiting, feed person bread soaked in milk, followed by olive or cooking oil and seek medical attention if large amounts ingested.

Eye: If in eye(s) wash with large amounts of water for approximately 15 minutes holding eyelid(s) open. Seek medical attention immediately.

Skin: Remove contaminated clothing and wash skin thoroughly Decontaminate clothing before re-use or discard. If swelling, redness, blistering or irritation occurs seek medical advice.

Inhalation: Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. If victim has stopped breathing begin artificial respiration, or if heart has stopped, cardiopulmonary resuscitation. Seek immediate medical attention.

First Aid Facilities: Eye wash and normal washroom facilities

Advice to Doctor: Treat symptomatically

PRECAUTIONS FOR USE

ENGINEERING CONTROLS

In the operation of where dusts may accumulate an exhaust ventilation or dust extraction system should be provided to maintain airborne particulates as low as is reasonably practicable.

PERSONAL PROTECTION

PROTECTIVE EQUIPMENT

Respiratory: Where ventilation is inadequate, a P1 half face piece respirator with replaceable filter or disposable face piece as specified by AS/NZS 1715 1716 is recommended.

Eyes: Suitable chemical glasses (Chemical Tight Goggles)

Hands: Nitrile, neox or neoprene.

Other: Impervious overalls may be required

STORAGE AND HANDLING

STORAGE PRECAUTIONS

Store away from organic and/or combustible agents. Reacts with water. may lead to drum rupture. Store in a cool, dry, well ventilated area, out of direct sunlight. Store in suitable, labelled containers. Avoid any dust build-up by frequent cleaning and suitable construction of storage area. Keep storage separated from work areas. Inspect periodically for deficiencies such as damage or leaks. This material is a Scheduled (S5) Poison and must be stored, handled and used according to appropriate regulations.

TRANSPORT

This material is a Class 5.1 Oxidising Agent according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Class 5.1 - Oxidising Agents shall not be loaded in the same vehicle or packed in the same freight container with: Class 1 - Explosives, Class 2.1 - Flammable Gases, Class 2.3 - Poisonous Gases, Class 3 - Flammable Liquids, Class 4.1 - Flammable Solids, Class 4.2 - Spontaneously Combustible Substances, Class 4.3 - Dangerous when wet (where the poisonous substances are fire risk substances), Class 7 Radioactive substances Class 8 Corrosive Substances, Class 9 Miscellaneous Dangerous Goods (where the miscellaneous dangerous goods are fire risk substances), Fire risk substances other than dangerous goods.

This material is hygroscopic at high temperatures.

SPILLS & DISPOSAL

Evacuate all unnecessary personnel. Wear protective clothing as specified in the Personnel Protection section of the MSDS. Sweep up material and dissolve in water in a suitable labelled container. Avoid the creation of dust. Mop up the remaining material and place into the same container. If large quantities of the material enter the waterways contact the Environmental Protection Authority, or your **Local Waste Management Authority**.

DISPOSAL

Dispose of in accordance with federal, local or state regulations.

FIRE/EXPOSION HAZARD

Fire Hazards: Oxidiser, assists combustion

Fire/Explos. Hazard: Not combustible, however ignites combustible or organic materials when in contact. Emits toxic fumes of chlorine as well as liberating oxygen, therefore dangerous in a fire situation.

Fire Fighting Procedures: Wear self-contained breathing apparatus with full face-piece and protective clothing.

Extinguish Media: Water fog/Massive amounts of water

Incompatibility: This material is an oxidising agent, and will react with many organic chemicals. Corrosive to most metals in the presence of moisture. Reacts with acids evolving chlorine

Decomposition: Decomposes on heating emitting toxic fumes of chlorine as well as liberating oxygen.

Hazchem Code: 2WE

CONTACT INFORMATION

CONTACT: CHIEF EXECUTIVE OFFICER: (02) 9790 8777

DISCLAIMER

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