

MATERIAL SAFETY DATA SHEET

STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according to criteria of Worksafe Vanuatu.

COMPANY DETAILS

Pacific Suppliers Limited
Lini Highway
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IDENTIFICATION

Product Name: **POOL STABILISER**
Other Names: Isocyanuric acid
Manufacturer's Product Code: 9CST
UN Number: None allocated
Dangerous Goods Class and Subsidiary Risk: Non dangerous
Poisons Schedule: S5 Caution
Use: Swimming pool stabiliser

Physical Description/Properties

Appearance: White odourless crystalline powder
Melting Point: Not available
Vapour Pressure: Not Available
Specific Gravity: 2.5
Flashpoint: Not flammable
Flammability Limits: Not flammable
Solubility in Water: 2 @ 25°C

Other properties

Decomposition: 320-360
Releases isocyanic acid gas
pH: ca 4.5 (saturated water solution @ 20°C)
Incompatible with: Chlorine, Ethanol

Ingredients:

All hazardous substances as defined by the NOHSC Code 1008 are listed by chemical name and CAS No. Other ingredients which are determined to be non-hazardous are listed by generic name or as "other ingredients determined not to be hazardous".

Chemical name: Isocyanuric acid
CAS No: 108-80-5
Proportion: >=98%

HEALTH HAZARD INFORMATION

Acute:

Swallowed: No adverse effects expected, however large amounts may cause nausea and vomiting.

Eye: May be an eye irritant. Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.

Skin: Contact with skin may cause irritation.

Inhaled: Breathing in dust may result in respiratory irritation.

Chronic:

No information available on long term effects of regular exposure.

FIRST AID

Swallowed: Rinse mouth with water. If swallowed, give a glass of water to drink. If vomiting occurs give further water. Seek medical advice.

Eye: If in eyes, wash out immediately with water. In all cases of eye contamination it is a wise precaution to seek medical advice.

Skin: If skin contact occurs, remove contaminated clothing and wash skin with soap and water. If irritation occurs, seek medical advice.

Inhaled: Remove person from area of exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. See medical advice if effects persist.

FIRST AID FACILITIES: Eye wash. Fresh water.

ADVICE TO DOCTOR: Treat symptomatically.

PRECAUTIONS FOR USE

Exposure Standards: No exposure standard is allocated for the ingredients. Nuisance Dust: 8 hr TWA = 10 mg/m³.

Engineering Controls: Avoid generating and breathing in dusts. Use with local exhaust ventilation or while wearing dust mask. Keep containers closed when not in use.

Personal Protection: Wear overalls, safety shoes, safety glasses, gloves, dust mask.

Flammability: Not flammable or combustible.

SAFE HANDLING INFORMATION

Storage and Transport: Keep containers closed. Avoid contact with foodstuff. Avoid exposure to moisture. Store in a cool, dry, well ventilated place out of direct sunlight. Store away from incompatible materials - Chlorine and Ethanol. Check regularly for spills.

Spills and Disposal: Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in dust. Work up-wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labeled containers or drums for disposal.

Fire/Explosion Hazard: Non-combustible material. Decomposes on heating emitting toxic fumes, including those of isocyanic acid gas. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

OTHER INFORMATION

The Time Weighted Average (TWA) quoted above is the Worksafe Adopted National Exposure Standard for the average airborne concentration when calculated over a normal eight hour working day, for a five day working week.

CONTACT POINT: Pacific Suppliers (678) 25082

