



SAFETY DATA SHEET

PRODUCT NAME: POOL TREAT SUNSCREEN

Issue Date: 31 October 2025

SECTION 1: IDENTIFICATION

Product Name: Pool Treat Sunscreen
Other Names: Cyanuric Acid; Isocyanuric acid
Product Code: ZCYANA-25, PS1, PS2.5, PS5, PS25
Uses: Pool Chlorine Stabiliser
Supplier: HamChem Hamilton Chemicals Ltd, 75 Ruffell Rd, Hamilton
Phone: 07 974 4971 Web: www.hamchem.nz Email: info@hamchem.nz

- In emergency dial 111, and then ask for Fire, Ambulance or Police as necessary.
- In case of poisoning phone National Poisons Centre – 0800 764 766

SECTION 2: HAZARD IDENTIFICATION



GHS Classifications
Eye Irritation – Category 2

Signal Word: Warning

Hazard Statements:
H319 – Causes serious eye irritation

Prevention
P264 – Wash hands thoroughly after handling
P280 – Wear eye/face protection

Response
P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
P337+P313 – If eye irritation persists: Get medical advice/attention

SECTION 3: COMPOSITION & INFORMATION ON INGREDIENTS

Chemical Entity	CAS No.	Proportion (%)
Cyanuric Acid	108-80-5	> 99

SECTION 4: FIRST AID MEASURES

If swallowed: Do NOT induce vomiting. Rinse mouth with milk or water. Give water or milk to drink to achieve dilution. If vomiting occurs place victims face downward to prevent vomit entering lungs. Seek medical advice.

Recommendations, suggestions or statements made in the bulletins are intended for the assistance of our customers. They are based upon our experience and judgement but must not be regarded as amounting to a legal warranty or as involving any liability on our part and must be read in conjunction with and subject to our Conditions of Sale which apply to goods supplied by us.

HamChem Ltd, 75 Ruffell Rd, Hamilton, New Zealand. Phone 07 974 4971 Email - info@hamchem.nz Web - www.hamchem.nz

PRODUCT NAME: POOL TREAT SUNSCREEN

If on skin: Flood affected area with copious amounts of soap and water, remove contaminated clothing and launder before reuse. If rash or discolouration appears or persists seek medical attention.

If inhaled: Remove victim from 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. Seek medical advice if effects persist.

If in eyes: Flush eye(s) with copious amounts of cold or lukewarm water for at least 15 minutes retracting eyelids frequently. Remove contact lenses if present. Seek medical advice.

Note to Physician: Treat symptomatically based on individual reactions of victim. Refer to National Poisons and Hazardous Chemicals Information Centre 0800 764 766

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media: This product is non-combustible, if material is involved in fire use: Water fog or water spray, foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Non-combustible material.

Special protective precautions & equipment: Decomposes on heating emitting toxic fumes including those of isocyanuric acid gas. If safe to do so, remove containers from path of fire. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk to exposure to products of decomposition.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Wear protective equipment to prevent skin and eye contact. Avoid breathing in dust. Work up wind or increase ventilation. Avoid dust generation. Collect and seal in properly labeled containers or drums for disposal. Wash area down with excess water. Do not wash untreated material down the drain or sewer

SECTION 7: HANDLING & STORAGE

Handling advice: Before use carefully read the product label. Avoid skin and eye contact and breathing dust. Avoid handling which leads to dust generation.

Storage advice: Store in a cool place out of direct sunlight. Store away from chlorine. Keep out of reach of children. Keep containers closed when not in use - check regularly for spills.

SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

Exposure standards: No value assigned for this specific material by the New Zealand Occupational Safety and Health Service (OSH). However, Workplace Exposure Standard(s) for particulates: Particulates not otherwise classified: 8 hr WES-TWA = 10mg/m³ (inspirable dust) or 3mg/m³ (respirable dust).

Engineering controls: Ensure ventilation is adequate to maintain air concentrations below exposure limits. Use exhaust ventilation or wear a dust mask during use. Avoid generating and breathing in dusts. Keep containers closed when not in use.

Personal protective equipment: Wear overalls, chemical goggles and PVC or rubber gloves. Avoid generating and inhaling dusts. If dust exists, wear dust mask/respirator meeting the requirements of ASINZS 171 5 and ASINZS 1716. Always wash hands before smoking, eating, drinking, or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

PRODUCT NAME: POOL TREAT SUNSCREEN

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance:	White crystalline powder
Odour:	Not specified
Specific Gravity:	2.5
Solubility in water:	2 g/L @ 25°C
Flash point:	N/A
Flammability limits:	N/A
Boiling point:	N/A
Melting point:	> 360°C
pH:	4.5

SECTION 10: STABILITY & REACTIVITY

Stability: Stable under ambient conditions. Hygroscopic

Hazardous polymerization: Hazardous polymerisation will not occur.

Incompatibles: Incompatible with chlorine.

Conditions to avoid: Reacts violently with ethanol.

SECTION 11: TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

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

Eye contact: 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: Contact with skin may result in irritation.

Inhalation: Breathing in dust may result in respiratory irritation.

Long Term Effects:

No information available for the product.

Toxicity data:

Acute Oral LD₅₀ (ingestion) (rat) 7700 mg/kg

Skin: Mild irritant (rabbit)

Eyes: Mild irritant (rabbit)

SECTION 12: ECOLOGICAL INFORMATION

Avoid contaminating waterways.

SECTION 13: DISPOSAL CONSIDERATIONS

Recycle wherever possible. Whatever cannot be saved for recovery or recycling should be sent to an approved waste disposal contractor for disposal in an approved waste facility. Normally product is suitable for disposal at an approved landfill site: Processing, use or contamination of this product may change the waste management options. Decontaminate empty containers with plenty of water. Dispose of empty container in accordance with local authority requirements.

Recommendations, suggestions or statements made in the bulletins are intended for the assistance of our customers. They are based upon our experience and judgement but must not be regarded as amounting to a legal warranty or as involving any liability on our part and must be read in conjunction with and subject to our Conditions of Sale which apply to goods supplied by us.

HamChem Ltd, 75 Ruffell Rd, Hamilton, New Zealand. Phone 07 974 4971 Email - info@hamchem.nz Web - www.hamchem.nz

PRODUCT NAME: POOL TREAT SUNSCREEN

SECTION 14: TRANSPORT INFORMATION

Road and Rail Transport

Not classified as a Dangerous Good according to NZS 5433:2020 Transport of Dangerous Goods on Land.

SECTION 15: REGULATORY INFORMATION

HSNO Classifications: 6.4A

EPA Approval #: HSR002684

SECTION 16: OTHER INFORMATION

End of SDS.