



Safety Data Sheet

20TH DECEMBER 2016

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	HY-CLOR SALT ACTIV STABILISER
Shipping Name:	Monosodium Cyanurate Monohydrate
Product Code:	SACTSTAB6X02
UN Number:	None allocated
Other Names:	N/A
Recommended Use of the Chemical and Restrictions on Use:	Swimming pool chlorine stabiliser
Chemical Formula:	N/A
Supplier:	HY-CLOR AUSTRALIA PTY LIMITED
Street Address:	178 Power Street Glendenning NSW 2761
Telephone Number:	(02) 8805 2400
After Hours Contact:	0404 859 515
Facsimile:	(02) 8805 2401
Email Contact:	help@hyclor.com.au
Emergency Telephone:	13 11 26 (Australia Poisons Information Centre) New Zealand 0800 764 766

2. HAZARD IDENTIFICATION

This product is classified as Xi: Irritating. Hazardous according to the criteria of SWA
Not a Dangerous Good according to the Australian Dangerous Goods Code

Poisons Schedule: S5

SIGNAL WORD: Warning

Hazard Statement(s):

H320: Causes eye irritation



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Precautionary Statement(s):

P102: Keep out of reach of children

P262: Do not get in eyes, on skin, or on clothing

P264: Wash contacted areas thoroughly after handling

P280: Wear protective gloves, protective clothing and eye or face protection

Response:

P337: If eye irritation persists: seek medical attention.

P353: Rinse skin or shower with water.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage:

P402+P404: Store in a dry place. Store in a closed container.

Disposal:

P501: If product cannot be recycled, contact a specialist waste disposal company.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity	CAS Number	Proportion
Monosodium cyanurate monohydrate	2624-17-1	30-60%
Cyanuric Acid	108-80-5	<10%
Water	7732-18-5	To 100%

4. FIRST AID MEASURES

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Ingestion: If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop contact a Poisons Information Centre or a doctor.

Skin Contact: Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.



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Eye Contact: Immediately flush the contaminated eye(s) with lukewarm gently flowing water for 20 minutes or until the product is removed, while holding the eyelid(s) open..

Inhalation: Remove affected individual from exposure to fresh air. Seek medical advice if respiratory symptoms occur.

5. FIRE FIGHTING MEASURES

Hazchem Code: None allocated

Fire and Explosion Hazards: There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

Extinguishers: Not combustible. Use extinguishing agent appropriate for the surrounding fire.

Fire Fighting Precautions: In confined areas or areas of excessive smoke, fire fighter must wear full protection and self-contained breathing apparatus.

Combustion Products: Fire decomposition products from this product are likely to be irritating if inhaled.

6. ACCIDENTAL RELEASE MEASURES

Spills: Clean up spills promptly. Keep spilt product out of drains, sewers and waterways. Spills should be contained, and the possibility of collection for re-used evaluated. If this is not possible, collect or absorb the material using absorbents, sand or earth and place into a leak proof container for disposal. Wash down the area of soil with plenty of water to remove any remaining residues.

7. HANDLING AND STORAGE

Handling: Keep out of the reach of children. Do not eat, drink or smoke while handling the product. Do not swallow. Avoid contact with eyes. Avoid contact with skin.

Storage: The product is not classified as a dangerous good. Minimal conditions include storage in a cool, dry, ventilated store away from sunlight. Containers should be kept upright, closed and airtight when not in use.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: No exposure standard has been established for this product by the Australian Safety and Compensation Council (ASCC). However direct exposure to skin should generally be avoided if possible.

Engineering measures: Local exhaust acceptable with special exhaust not required.

Personal Protective Equipment: All personal protective equipment should be selected, used, maintained and decontaminated in accordance with manufacturer's instructions and applicable standards.

Clothing: Wear appropriate clothing. Contaminated clothing should be removed and laundered before reuse.

Skin Protection: Wear rubber or PVC gloves.

Eye Protection: Eye protection should be used where splashing or large amounts of mists may be generated. Face-shield, chemical safety glasses or side shield glasses are suitable.

Respiratory protection: Respiratory protection is not normally necessary, unless the production of mists is significant. In such cases, a suitable respirator may be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance / Odour:	White, thick, no odour
pH:	8.0 – 8.4
Vapour Pressure	N/A
Vapour Density	N/A
Boiling Point/Range	About 100°C
Freezing/Melting Point	About 0 °C
Solubility in water	Complete
Specific Gravity / Density	1.25 at 20 °C
Autoignition temp:	Not applicable, does not burn

10. STABILITY AND REACTIVITY

Chemical Stability: This product is unlikely to react or decompose under normal storage conditions.

Conditions to avoid: This product should be kept in a cool place, preferably below 30 Deg C.

Incompatible Material: Acids, oxidizing agents.

Fire Decomposition: Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness.



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11. TOXICOLOGICAL INFORMATION

Toxicology: Monosodium Cyanurate monohydrate, dry. Sodium Cyanurate: 2144mg/kg intravenous-cat LD50. Sodium Cyanurate has been shown to cause no injury in rabbit eyes when 0.1ml of aqueous suspensions containing 0.8% were applied daily 5 days/week for 3 months. Renal effects and death were observed in female and male rats red high doses (8%) monosodium cyanurate for 20 wk in diet. Histological changes in kidney related to diuretic effect of cyanuric acid were noted. No effects were noted at 0.8%. Dogs fed high doses (8%) monosodium cyanurate for 2 years showed kidney fibrosis and death. Dogs fed 0.8% monosodium cyanurate in diet showed no changes after 6 months. Monosodium cyanurate was elevated for gene mutation and was negative at all dose levels tested. Cyanuric acid:>10mg/kg oral-rat LD50: 7.7gm/kg ora-rat LD50: 20mg/24 hours eyes-rabbit slight irritation: 500mg/24 hours eyes-rabbit marked irritation: non-irritating to rabbit skin.

Acute Effects

Swallowed: Non-toxic

Skin: No adverse reaction.

Eye: May cause irritation to eye

Inhaled: Not considered an inhalation hazard.

Chronic Effects None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity: This material is believed to be non-toxic to aquatic life.

Persistence and degradability: This material is believed not to persist in the environment.

Cyanuric acid has an estimated Henry's Law Constant of 1.36×10^{-18} atm cum/mol. Cyanuric acid biodegrades readily under a wide variety of natural conditions, and particularly well in systems of either low or zero dissolved-oxygen levels.

13. DISPOSAL CONSIDERATIONS

This product is not a hazardous waste and it can, along with its containers, be disposed to landfill in accordance with local regulations.



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14. TRANSPORT INFORMATION

ADG Code: This product is not classified as a Dangerous Good. No special transport conditions are necessary unless required by other regulations.

15. REGULATORY INFORMATION

Poisons Schedule (Aust): S5

16. OTHER INFORMATION

Contact: Any advice, recommendation, information, assistance, or service provided by Hy-Chlor Australia in relation to the goods supplied by it or their use or application is given in good faith and believed to be appropriate and reliable. However, this information is given without warranty or representation. The customer accepts all risk and responsibility for use of the goods alone, or in combination with other products.

Mr Mark Sheridan
Technical Regulations Manager
Telephone: Australia + 61 2 8805 2400
New Zealand + 64 9 973 2477