



24<sup>th</sup> August 2016

## Safety Data Sheet

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product Name:</b>	<b>HY-TECH CHLORINE CONCENTRATE</b>
<b>Shipping Name:</b>	Trichloroisocyanuric Acid, Dry Oxidiser
<b>Product Code:</b>	HYCHTCGC02-2KG, HYCHTCGC04-4KG HYCHTCONC10-KG
<b>UN Number:</b>	None allocated
<b>Recommended Use of the Chemical and Restrictions on Use:</b>	Swimming Pool disinfectant and Sanitiser
<b>Chemical Formula:</b>	N/A
<b>Supplier:</b>	HY-CLOR AUSTRALIA PTY LTD
<b>Street Address:</b>	178 Power Street Glendenning NSW 2761
<b>Telephone Number:</b>	02 8805 2400
<b>After Hours Contact:</b>	0404 859 515
<b>Facsimile:</b>	02 8805 2401
<b>Email Contact:</b>	<a href="mailto:help@hyclor.com.au">help@hyclor.com.au</a>
<b>Emergency Telephone:</b>	<b>13 11 26 (Australia Poisons Information Centre)</b> <b>New Zealand 0800 764 766</b>

### 2. HAZARDS IDENTIFICATION

This product is classified as : Xn, Harmful, Xi, irritating. Hazardous according to the criteria of Safe Work Australia.

**Poison Schedule: 6**

This material is hazardous according to Safe Work Australia; HAZARDOUS SUBSTANCE.

**ADG Classification:** None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG)

**SIGNAL WORD: WARNING**

**Hazard Statement(s):**

This material is hazardous

**H272:** Oxidiser, May intensify Fire

**H302:** Harmful if swallowed

**H319:** Causes serious eye irritation

**H335:** May cause respiratory irritation



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### Precautionary Statement(s) :

- P210:** Keep away from Sparks, No Smoking
- P220:** Store Away from Combustible Material
- P260:** Do not breathe Dust, smoke etc.
- P264:** Wash Hands properly after using
- P270:** Do not eat, drink or smoke while using this product
- P271:** Use only outdoors or in a well ventilated area

### Response:

- P370+P378:** In case of fire; Use appropriate extinguisher
- P301+P312:** If Swallowed Call poison centre
- P301, P330, P331:** If swallowed, rinse mouth, do not induce vomiting
- P304+P340:** If inhaled, remove victim to fresh air
- P305+P351+P338:** If in eyes; Rinse Cautiously with water for several minutes. Remove contact lenses

### Related Information

<b>DG Class</b>	<b>N/A</b>
<b>Packaging Group</b>	<b>N/A</b>
<b>Hazchem Code</b>	<b>N/A</b>

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

<b>Ingredients</b>	<b>CAS</b>	<b>Proportion</b>
Trichloroisocyanuric Acid	87-90-1	> 60%
Disodium tetraborate pentahydrate	12045-88-4	10%-30%

### 4. FIRST AID MEASURES

<b>General</b>	Keep Victim warm and quiet. Obtain immediate medical care. Ensure that attending medical personnel are aware of the identity and nature of the product involved, and take precautionary measures to protect themselves.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. Rinse mouth with water and then give plenty of water to drink. Seek medical attention if large amounts ingested. Call Poison Centre 13 11 26
<b>Eye</b>	If in eye(s) wash with large amounts of water for approximately 15 minutes holding eyelid(s) open. Seek medical attention immediately.
<b>Skin</b>	Remove contaminated clothing and wash skin thoroughly decontaminate clothing before re-use or discard. If swelling, redness, blistering or irritation occurs seek medical advice.

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### Inhalation

Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through 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.

## 5. FIRE FIGHTING MEASURES

**Fire and Explosion Hazards:** There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. May intensify fires due to oxidising properties.

**Extinguisher** Not combustible, however, if material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powders).

**Fire Fighting Procedures** Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

**Hazardous Decomposition** On decomposition may emit toxic fumes, including chlorine and also an accelerant

### Products

**Other precautions** Not combustible, material will decompose if involved in a fire

## 6. ACCIDENTAL RELEASE MEASURES

**Spills** Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Clean up spill, rinsing to sewer and put empty container in garbage. If contamination of drains or waterways has occurred, advise local emergency services

## 7. HANDLING AND STORAGE

**Handling** Avoid skin and eye contact and inhalation of dust. Wear appropriate protective equipment and clothing. Use in a well ventilated area. Avoid spillage onto floor. Keep containers closed when not in use. Maintain personal hygiene by washing hands prior to eating, drinking, smoking or using toilet.

**Storage** 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.



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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure Standards</b>	No ingredients in this product have exposure standards, as outlined in the standard <i>Exposure Standards for Atmospheric Contaminants in the Occupational Environment</i> third edition, published by the National Occupational Health and Safety Commissions/AGPS, 1995.
<b>Engineering Measures</b>	Avoid generating and inhaling dusts. Use in a well ventilated area only. Keep containers in a well ventilated area. Local exhaust ventilations system may be required.
<b>Personal Protection Equipment</b>	
<b>Clothing</b>	Suitable protective clothing should be worn e.g. cotton overalls and safety shoes.
<b>Skin Protection</b>	Impervious PVC or rubber gloves should be worn.
<b>Eye Protection</b>	Safety glasses with side shields or goggles should be worn.
<b>Respiratory Protection</b>	If dust exists, wear respirator meeting the requirements of AS/NZS 1716.
<b>Personal Hygiene</b>	Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	White granule with slight chlorine odour
<b>Boiling Point</b>	N/A
<b>Freezing/Melting Point</b>	N/A
<b>Vapour Pressure</b>	N/A
<b>Specific Gravity</b>	2.07 (20C)
<b>Flash Point</b>	N/A
<b>Upper Flammability Limit</b>	N/A
<b>Lower Flammability Limit</b>	N/A
<b>Solubility in Water</b>	1.28g/100ml
<b>pH</b>	3.8

### 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	this material is thermally stable when stored and used as directed.
<b>Conditions to Avoid</b>	Avoid high temperatures and high humidity.
<b>Incompatible Material</b>	Will react with most organic chemicals. Corrosive to most metals in the presence of moisture.
<b>Hazardous Decomposition Products</b>	Oxide of carbon and nitrogen, chlorine, smoke and other toxic fumes.



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### 11. TOXICOLOGICAL INFORMATION

**Toxicology 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:

**Acute Effects**

<b>Swallowed</b>	Harmful if swallowed. Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.
<b>Skin</b>	Contact with skin may result in irritation.
<b>Eye</b>	An eye irritant.
<b>Inhaled</b>	Material is irritant to mucous membranes and respiratory tract.
<b>Long Term Effects</b>	No information available for product.

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Avoid contaminating waterways. Breaks down in sunlight. No further information available.

### 13. DISPOSAL CONSIDERATIONS

**Disposal Methods and Containers** Dispose of according to relevant local, state and federal government regulations.

**Special Precautions for Landfill** Contact a specialist disposal company for landfill.

### 14. TRANSPORT INFORMATION

<b>UN Number</b>	N/A
<b>Land Transport</b>	ADG
<b>UN Proper Shipping Name</b>	Trichloroisocyanuric Acid
<b>Dangerous Goods Class</b>	N/A
<b>Packing Group</b>	N/A
<b>Hazchem Code</b>	N/S

### 15. REGULATORY INFORMATION

**Poisons Schedule (Aust)** 6

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS)  
WHS Act and Regulation 2011



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### 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.

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