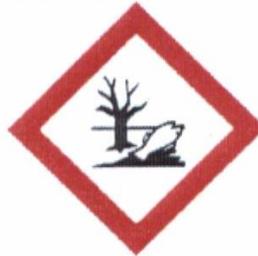


**Section 1: Identification of the Substance/Mixture and of Supplier**

**Product name** TRICHLOR TABLETS OR PILLS  
**Recommended use:** Disinfectant, Sanitizer, Biocide, Fungicide and Algaecide.  
**Supplier:** Space Industries Limited  
**Street Address:** 160 Plunket Ave,  
 Wiri, Auckland  
 New Zealand  
**Telephone Number:** + 64 9 262 3902  
**Facsimile:** + 64 9 262 3948  
**E-mail:** [orders@spaceindustries.co.nz](mailto:orders@spaceindustries.co.nz)  
**Website:** [www.spaceindustries.co.nz](http://www.spaceindustries.co.nz)  
**Emergency Telephone** 0800 764 766 (all hours)  
**Date of preparation:** May 2016

**Section 2: Hazards Identification**


**HSNO Classification:** 5.1.1B Oxidising substances. Medium hazards

**Hazard Classification:** 6.1D(all), 6.1D(oral), 6.3A, 8.3A, 9.1A(all), 9.1A (fish), 9.1A (crustacean) 9.2D, 9.3B

**Approval Number :** HSR002683

**Section 3: Composition/information on ingredients**

**Product Description:** Used as a Disinfectant, Sanitizer, Biocide, Fungicide and Algaecide.  
 White Tablet product.

**Components / CAS Number**  
 Trichloroisocyanuric acid  
 87-90-1

**Proportion**  
 90%

**Risk Phrases**  
 R8, R22, R31, R36/37, R50/53

**Section 4: First Aid Measures**

**Show this Safety Data Sheet to a Doctor**

**Short term exposure by all routes is considered to be harmful.**

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 Immediately call the Poison Centre (0800 764 766) or a Doctor

**Skin Contact:** Remove/take off immediately all contaminated clothing.  
 Rinse skin with water.  
 Wash contaminated clothing before reuse.

<b>Eye Contact:</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>Ingestion:</b>	Rinse mouth. DO NOT induce vomiting. Give a glass of water. Contact a Doctor or the Poisons Information Centre (0800 764 766) for further advice
<b>Notes to physician:</b>	Harmful if swallowed – Acutely toxic Causes eye irritation. May cause irreversible eye damage. Skin contact will cause moderate irritation. If inhaled – causes nose and throat irritation.
<b>For advice, contact the Poisons Information Centre 0800 764 766 or a doctor</b>	

### Section 5: Fire Fighting Measures

<b>Specific Hazards:</b>	Oxidizing substance. Non combustible, but will support combustion of other materials.
<b>Suitable Extinguishing Media:</b>	Not combustible, however, if material is involved in a fire use: Water spray (large quantities).
<b>Fire-fighting advice:</b>	Non-combustible material. Decomposes on heating emitting toxic fumes, including those of oxides of nitrogen. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition. Keep containers cool with water spray. Heating can cause expansion or decomposition of the material, which can lead to the containers exploding. If safe to do so, remove containers from the path of fire.

### Section 6: Accidental Release Measures

<b>Procedures to be covered:</b>	Shut off all possible sources of ignition. Clear area of all unprotected personnel. Air-supplied masks are recommended to avoid inhalation of toxic material. 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. DO NOT add small amounts of water to trichloroisocyanuric acid. Collect and transfer to large volume of water - DO NOT use a metal container. If contamination of sewers or waterways has occurred advise local emergency services.
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### Section 7: Handling and Storage

<b>Handling:</b>	Keep out of reach of children. Read label before use Avoid skin and eye contact and breathing in dust. Avoid handling which leads to dust formation.
<b>Storage:</b>	Avoid contact with clothing and other combustible materials. Do not store near combustible materials or in corrosive storage areas. Store in a cool and dry area away from heat and direct sunlight. Store away from foodstuffs. Keep dry - reacts with water, may lead to drum rupture. Calcium hypochlorite (dry or hydrated) and its mixtures are incompatible with, and must be stored away from, dichloroisocyanuric acid, ammonium nitrate; trichloroisocyanuric acid, or any chloroisocyanurate. Ensure pallets are clean and free of oil.

Keep containers closed when not in use  
 Check regularly for spills.

### Section 8: Exposure Controls/Personal Protection

<b>Occupational Exposure Limits:</b>	No value assigned for this specific material by the New Zealand Occupational Safety and Health Service (OSH).
<b>Engineering Control Measures:</b>	Ventilation and circulation of air and control the expose level below the suitable standard of workshop, including overall or partial ventilation, processing sealing and other project control.. Standards. Avoid generating and breathing in dusts. Use with local exhaust ventilation or while wearing dust mask. Keep containers closed when not in use.
<b>Personal Protective Equipment:</b>	Wear chemical glasses, safety glasses if have the possibilities of leakage. Have suitable clothes and gloves, avoid exposing skin. Have suitable inhalation projecting device id working in higher contaminated area. After working and before a rest, meal smoking, or going to the toilet wash hands and face completely.

### Section 9: Physical and Chemical Properties

<b>Physical state:</b>	Tablet
<b>Colour:</b>	White
<b>Odour:</b>	Chlorine
<b>Molecular Formula:</b>	C3Cl3N3O3
<b>Molecular Weight:</b>	232.42
<b>Relative Density:</b>	1.04
<b>Solubility:</b>	Sparingly soluble in water
<b>Solubility in water (g/L):</b>	12 @25°C
<b>Specific Gravity/Bulk:</b>	2.07 @20°C
<b>Boiling Point/ Melting Point:</b>	Not available
<b>Flammability Limits (%):</b>	Not available
<b>Flash Point:</b>	Not available
<b>Decomposition Point (°C):</b>	225
<b>pH:</b>	2.8 (1% aqueous solution)

### Section 10: Stability and Reactivity

<b>Conditions to avoid:</b>	Avoid moisture getting into container. Avoid contact with organic material.
<b>Incompatible materials:</b>	Incompatible with combustible material , alkalis , nitrogen compounds , acids and water . Calcium hypochlorite (dry or hydrated) and its mixtures are incompatible with dichloroisocyanuric acid, ammonium nitrate, trichloroisocyanuric acid, or any chloroisocyanurate.Chlorine.
<b>Hazardous reactions:</b>	Strong oxidizer and in contact with organic matter may cause fire.

### 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:

<b>Ingestion:</b>	Harmful if swallowed – Acutely toxic
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<b>Eye contact:</b>	Causes eye irritation. May cause irreversible eye damage.
<b>Skin contact:</b>	Skin contact will cause moderate irritation.
<b>Inhalation:</b>	If inhaled – causes nose and throat irritation.

### Section 12: Ecological Information

<b>Environmental fate,</b>	Avoid contaminating waterways.
<b>Aquatic toxicity:</b>	Very toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment.
<b>Terrestrial toxicity:</b>	Expected to be harmful to terrestrial species

### Section 13: Disposal Considerations

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Trichlor is a hazardous waste and should be disposed accordingly. Do not disposed filled or partially filled containers in common waste receivers, as contaminants could generate spontaneous decomposition and fusion of the material and rupture the drum.
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### Section 14: Transport Information

<b>Road and Rail Transport:</b>	Classified as a Dangerous Good according to NZS 5433:1999 Transport of Dangerous Goods on Land.
<b>UN No:</b>	2468
<b>Class-primary</b>	5.1.1B
<b>Packing Group:</b>	II
<b>Proper Shipping Name:</b>	Trichloroisocyanuric Acid Tablets/Pills
<b>Approval Number :</b>	HSR001359
<b>Marine Transport:</b>	Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS
<b>UN No:</b>	2468
<b>Class-primary</b>	5.1.1B
<b>Packing Group:</b>	II
<b>Proper Shipping Name</b>	Trichloroisocyanuric Acid Tablets/Pills

### Section 15: Regulatory Information

<b>HSNO Classification:</b>	5.1.1B Oxidising substances: Medium hazards
<b>Hazard Classification:</b>	6.1D (oral), 6.3A, 8.3A, 9.1A (fish), 9.1A (crustacean) 9.2D, 9.3B

### Section 16: Other Information

.Issue Date: 11 April 2017
Note: All information given by Space Industries Ltd is offered in good faith and is, to the best of our knowledge, true and accurate. However, since conditions of use are beyond our control, all information relevant to usage is offered without warranty or guarantee and should not be construed as a representation that the product is suitable for any particular purpose or application.