

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

**Product name** Trichlor Tablets and Pills, and granular “trimaxic”

**Recommended use:** Sterilization of swimming pools

**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:** 25 May 2021

**Section 2: Hazards Identification**

**Hazard Classification:** Hazardous according to the criteria or the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

**ERMA:** HSR002683 Water Treatment Chemicals (Oxidising Liquids and Solids) Group Standard 2020

**Hazard Categories:** Oxidising Solid – Category 2

Acute Toxicity (oral) – Category 4

Skin Corrosion/Irritation – Category 2

Skin Sensitisation – Category 1

Serious Eye Damage/Irritation – Category 1

Aquatic Toxicity – Category 1

**Pictograms:**



**Signal Word:** Danger

**Hazard Statements:** H272 – May intensify fire; oxidizer

H315 – Causes skin irritation

H317 – May cause an allergic skin reaction

H318 – Causes serious eye damage

**Precautionary Statements:****General**

H400 – Very toxic to aquatic life

P102 – Keep out of reach of children

P103 – Read Label before use

**Prevention**

P210 – Keep away from Heat/open flames/sparks; No smoking

P220 – Store away from combustible materials

P221 – Take precaution not to mix with combustibles/other chemicals

P261 – Avoid Breathing Dust

P264 – Wash hands thoroughly after handling

P272 – Contaminated work clothing should not be allowed out of the workplace

P273 – Avoid release to the environment

P280 – Wear protective gloves, clothing and eye/face protection

**Response**

P101 – If medical assistance is needed have the container at hand

P310 – Immediately call a POISON CENTER or doctor/physician

P321 – Clean exposed skin thoroughly with soap and water, seek medical attention if a reaction develops.

P362 – Take off contaminated clothing and wash before re-use

P391 – Collect Spillage

P302 + P352 – IF ON SKIN: Wash with plenty of soap and water

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

P332 + P313 – If skin irritation occurs: Get medical advice/attention

P370 + P378 – In case of fire: Use water extinguisher or hose.

**Disposal**

P501 – Dispose of any left over chemical at an approved hazardous substance collection facility

**Environment Protection Authority (New Zealand)**

Hazardous Substances and New Organisms Amendment Act 2015

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

<b>Product Description:</b>	It is widely used for sterilization of swimming pools, spas and drinking water, industrial circular water, aquaculture, hotel, hospital and other public places. Also used as bleaching agent and antiseptic for wood, cotton, textile, chemical fabrics etc. White crystal granular.	
<b>Components / CAS Number</b>	<b>Proportion</b>	<b>Risk Phrases</b>
Trichloroisocyanuric acid 87-90-1	>90%	R8, R22, R31, R36/37, R50/53

**Section 4: First Aid Measures**

<b>Show this Safety Data Sheet to a Doctor</b> <b>Short term exposure by all routes is considered to be harmful.</b>	
<b>Inhalation:</b>	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
<b>Skin Contact:</b>	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>	If swallowed - 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>	If swallowed - causes severe burning and corrosion to the mucous membranes and tissues of the mouth, throat and stomach. Corrosive to eyes. Can cause corneal burns. Skin contact will cause moderate irritation. Corrosive on contact with moist skin and will cause burns. If inhaled – mist vapour can produce respiratory irritation and may cause damage of the upper respiratory tract and lung tissues.
For advice, contact the Poisons Information Centre 0800 764 766 or a doctor	

**Section 5: Fire Fighting Measures**

<b>Specific Hazards:</b>	Oxidizer which supports combustion.
<b>Suitable Extinguishing Media:</b>	Water fog to extinguish fire. If unavailable, water spray. Deluge with water. Water may be effective for cooling containers.
<b>Fire-fighting advice:</b>	May react violently and produce an explosive reaction. May cause combustible materials to burn or explode. Produces poisonous gas when decomposes
	2 (WE)

Hazchem Code:

### Section 6: Accidental Release Measures

**Procedures to be covered:** Clear area of all unprotected personnel. If contamination of sewers or waterways has occurred advise local emergency.  
Clean-up personnel should wear full protective clothing, including breathing apparatus in dusty conditions.

### Section 7: Handling and Storage

**Handling:** Keep out of reach of children.  
Read label before use.

**Storage:** Avoid contact with clothing and other combustible materials.  
Do not store near combustible materials or in corrosive storage areas.  
Store in a secure cool and dry area away from heat and direct sunlight.

### Section 8: Exposure Controls/Personal Protection

**Occupational Exposure Limits:** No value assigned for this specific material by the New Zealand Occupational Safety and Health Service (OSH).

**Engineering Control Measures:** 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.

**Personal Protective Equipment:** Wear safety glasses.  
Have suitable clothes and gloves, avoid exposing skin. Have suitable inhalation projecting device if working in highly 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

**Physical state:** 200gram tablets, 20gram tablets "pills" or granule "trimaxic"

**Colour:** White

**Formula:** Trichloro-isocyanuric acid

**Specific Gravity/Bulk:** No

**Melting Point:** 225

**Steam Pressure:** No

**Flash Point:** No

**Available Chlorine:** Min 82%

### Section 10: Stability and Reactivity

**Stability:** Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

**Conditions to avoid:** Extreme heat

**Incompatible materials:** Incompatible with acids, metals, metal salts, peroxides, reducing agents, and ethylene, diamine tetraacetic acid.

**Hazardous decomposition products:** Chlorine.

**Hazardous reactions:** Oxidiser

### 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>	If swallowed - causes severe burning and corrosion to the mucous membranes and tissues of the mouth, throat and stomach.
<b>Eye contact:</b>	Corrosive to eyes. Can cause corneal burns.
<b>Skin contact:</b>	Skin contact will cause moderate irritation. Corrosive on contact with moist skin and will cause burns.
<b>Inhalation:</b>	If inhaled – mist vapour can produce respiratory irritation and may cause damage of the upper respiratory tract and lung tissues.

### Section 12: Ecological Information

<b>Environmental fate, Persistence and degradation:</b>	Avoid contaminating waterways. This material is biodegradable
<b>Aquatic toxicity:</b>	Very toxic to aquatic organisms. Fish, crustacean & algae
<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 dispose of filled or partially filled containers in common waste receivers, as contaminants could generate spontaneous decomposition and fusion of the material and rupture the drum.

### 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
<b>Hazchem Code:</b>	2(WE)
<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

### Section 15: Regulatory Information

**ERMA Approval:** HSR002683 Water Treatment Chemicals (Oxidising Liquids and Solids) Group Standard 2020

### Section 16: Other Information

.Issue Date: 25 May, 2021



INDUSTRIES LTD SAFETY DATA SHEET

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