

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
Website: www.spaceindustries.co.nz
Emergency Telephone 0800 764 766 (all hours)
Date of preparation: March 2021

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	Proportion	Risk Phrases
Trichloroisocyanuric acid 87-90-1	90%	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.

Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion:	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
Notes to physician:	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.
For advice, contact the Poisons Information Centre 0800 764 766 or a doctor	

Section 5: Fire Fighting Measures

Specific Hazards:	Oxidizing substance. Non combustible, but will support combustion of other materials.
Suitable Extinguishing Media:	Not combustible, however, if material is involved in a fire use: Water spray (large quantities).
Fire-fighting advice:	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

Procedures to be covered:	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

Handling:	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.
Storage:	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

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.. Standards. Avoid generating and breathing in dusts. Use with local exhaust ventilation or while wearing dust mask. Keep containers closed when not in use.
Personal Protective Equipment:	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

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

Section 10: Stability and Reactivity

Conditions to avoid:	Avoid moisture getting into container. Avoid contact with organic material.
Incompatible materials:	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.
Hazardous reactions:	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:

Ingestion: Harmful if swallowed – Acutely toxic

Eye contact:	Causes eye irritation. May cause irreversible eye damage.
Skin contact:	Skin contact will cause moderate irritation.
Inhalation:	If inhaled – causes nose and throat irritation.

Section 12: Ecological Information

Environmental fate,	Avoid contaminating waterways.
Aquatic toxicity:	Very toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment.
Terrestrial toxicity:	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.

Section 14: Transport Information

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

Section 15: Regulatory Information

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

Section 16: Other Information

.Issue Date: March 2021
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