

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

Product name	MULTI TABLETS AND MULTI PILLS MUP01, MUT01, MUT02, MUT04 included in SPKITS, SPOSKL
Recommended use:	Sterilization of swimming pools and drinking water
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 May intensify fire: oxidizer
Hazard Classification:	6.1D, 6.3A, 6.5b, 6.9B, 8.3A, 9.1A, 9.1B, 9.2D, 9.3B, 9.3C
HSNO Approval Code:	HSR002683

Section 3: Composition/information on ingredients

Product Description: It is widely used for sterilization of swimming pool 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

Components / CAS Number	Proportion	Risk Phrases
Trichloroisocyanuric acid 87-90-1	>92%	R8, R22, R31, R36/37, R50/53
Copper Sulphate 7758-98-7	<3%	
Aluminium Sulphate 10043-01-3	<5%	

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:	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
Notes to physician:	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

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

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.
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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 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 exposure level below the suitable standard of workshop, including overall or partial ventilation, processing sealing and other project control.
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 protecting device if 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:	Crystal Granular
Colour:	White
Formula:	OCNCLCONCLCONCL
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:	None known.
Incompatible materials:	Incompatible with acids, metals, metal salts, peroxides, reducing agents, and ethylene, diamine tetraacetic acid.
Hazardous decomposition products:	Chlorine.
Hazardous reactions:	None known.

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

Section 12: Ecological Information

Environmental fate, Persistence and degradation:	Avoid contaminating waterways. This material is biodegradable
Aquatic toxicity:	Very toxic to aquatic organisms. Fish, crustacean & algal
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 Multi Action Tablets
Hazchem Code:	2(WE)
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 Multi Action Tablets

Section 15: Regulatory Information

HSNO Classification:	5.1.1B May intensify fire: oxidizer
Hazard Classification:	6.1D, 6.3A, 6.5b, 6.9B, 8.3A,9.1A, 9.1B, 9.2D, 9.3B, 9.3C

Section 16: Other Information

.Issue Date: March 2021

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