SAFETY DATA SHEET

Product Name: Zodiac Stabilised Pool Chlorine Tablets

Section 1 – Identification of the Material and Supplier

Product Name:	**Zodiac Stabilised Pool Chlorine Tablets**	
Product Code:	WPQST1, WPQST2, WPQST10, WPQST50	
Product Use:	Swimming pool sanitiser	
Company Details:	Fluidra NZ Ltd 13 Douglas Alexander Parade Rosedale, Auckland 0751 NEW ZEALAND	Fluidra Group Australia Pty Ltd 1 Herbert Place Smithfield, New South Wales 2164 AUSTRALIA
Telephone Numbers:	+64 800 807 665	+61 1300 763 021
24hr Emergency:	0800 734 607	1800 033 111
Emergency Telephone:	National Poisons Centre New Zealand	0800 POISON (0800 764 766)
	Poisons Information Centre Australia	13 11 26

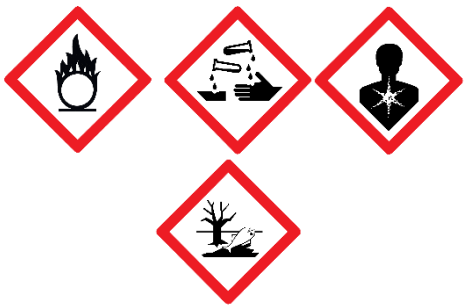
Section 2 – Hazards Identification

Classified as a hazardous substance according to the criteria in the New Zealand Hazardous Substances (Hazard Classification) Notice 2020.
This material is classified as hazardous according to the criteria of Safe Work Australia.

Classified in New Zealand as dangerous goods for transport according to NZS5433:2020 Transport of Dangerous Goods on Land and in Australia according to the transport of Dangerous Goods (ADG) code.

Classified as a Marine Pollutant based on International Maritime Dangerous Goods (IMDG) Regulations.

SUSMP Classification: S6



Signal word: **DANGER.**

GHS Categories:
Oxidising Solid – Category 2
Acute Oral Toxicity – Category 4
Skin Irritation – Category 2
Serious Eye Damage – Category 1
Reproductive Toxicity – Category 2
Hazardous to the aquatic environment – Acute – Category 1
Hazardous to the aquatic environment – Chronic – Category 1

HAZARD STATEMENTS:

AUH031	Contact with acids liberates toxic gas.
H272	May intensify fire, oxidiser.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H361	Suspected of damaging fertility or the unborn child.
H400	Very toxic to aquatic life.
H410:	Very toxic to aquatic life with long lasting effects.

PREVENTION

P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P220	Keep away from clothing and other combustible materials.
P264	Wash contacted areas thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves, protective clothing and eye or face protection.

RESPONSE

P101	If medical advice is needed, have product container of label at hand.
P301+P312	IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of 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.
P308+P313	IF exposed or concerned: Get medical attention.
P310	Immediately call a POISON CENTRE or doctor.
P321	Specific treatment (see First Aid instructions on this label).
P330	Rinse mouth.
P332+P313	If skin irritation occurs: Get medical attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P370+P378	In case of fire: Use water fog or fine spray to extinguish.
P391	Collect spillage.

STORAGE

P405	Store locked up.

DISPOSAL

P501	Disposal of contents/container should be made in accordance with all applicable regional, national and local laws and regulations.

Section 3 – Composition/Information on Ingredients

Ingredient	CAS Number	Content (%w/w)
Trichloroisocyanuric Acid	87-90-1	>60%
Boric Acid	10043-35-3	<10%
Other non-hazardous ingredients	-	balance

Section 4 – First Aid Measures

General Information:

You should call The Poisons Information Centre if you feel that you may have ingested or inhaled this product. The number is 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS or product label with you when you call.

Inhalation: If irritation occurs, move affected person from contaminated area to fresh air. Keep at rest until recovered. Obtain medical attention if symptoms develop or persist. If not breathing give artificial respiration.

Skin Contact: Gently brush away excess particles. Wash affected area with soap and water. If symptoms develop seek medical advice.

Eye Contact: Immediately flush the contaminated eye(s) with water for 15 minutes whilst holding eyelids apart. Remove contact lenses if present and easy to do. Continue rinsing until all contaminants are removed if irritation persists seek medical attention.

Ingestion: Never give anything by mouth to an unconscious person. If swallowed, do NOT induce vomiting, and contact a Poisons Information Centre, or call a doctor.

Section 5 – Fire Fighting Measures

Fire and Explosion Hazards: There is a moderate risk of explosion from this product if commercial quantities are involved in a fire. The primary hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

Extinguishing Media: Water fog or coarse spray is the preferred medium for large fires. Try to contain spills, prevent spillage entering drains or water courses.

Precautions for Firefighters: Keep upwind of fire. Firefighters should wear full protective chemical clothing and self-contained breathing apparatus as product can decompose on heating to produce chlorine gas (which is corrosive and a powerful respiratory irritant). If any quantity of this product is involved in a fire, call the fire brigade. There is moderate danger of a violent reaction or explosion if significant quantities of this product are involved in a fire Decomposition byproducts can corrode metallic structures.

Section 6 – Accidental Release Measures

Spills and Disposal: In the event of a major spill, extinguish and remove all sources of ignition. Stop leak if safe to do so. Sweep up and shovel into appropriately labelled containers for either salvage or disposal. Consider vacuuming if appropriate. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters sewers or water ways, advise emergency services and relevant authorities immediately. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

Personal Protection: Wear full protective chemically resistant clothing including eye/face protection, gauntlets. See below under Personal Protection regarding Standards relating to personal protective equipment. Suitable materials for protective clothing include rubber, nitrile, butyl rubber and neoprene. Eye/face protection should comprise as a minimum, protective goggles.

Environmental Precautions: Prevent spilled material from entering drains/surface waters/groundwater. If contamination has occurred, advise local emergency services.

Section 7 – Handling and Storage

Handling: Wear appropriate personal protective equipment and clothing to prevent exposure. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Storage: This product is a Scheduled Poison. Store in a cool, dry well-ventilated area away from strong acids. Do not exposure to temperatures above 80ºC. Protect containers against physical damage. Inspect regularly for deficiencies such as damage. Have appropriate fire extinguishers in and near the storage area. Make sure that the product does not come into contact with substances listed under Incompatibilities in Section 10. Check packaging – there may be further storage instructions on the label.

Section 8 – Exposure Controls and Personal Protection

No exposure standards have been established for this product by Worksafe New Zealand and Safe Work Australia.

Appropriate engineering controls: The substance is hazardous and should be used in an open area with free-flowing air. If engineering control are not sufficient to control dust levels in the area, then suitable respiratory protection must be worn. Refer to AS/NZS 2865:2001 for further information concerning ventilation requirements.

Personal Protective Equipment:

Respiratory equipment: If engineering controls are not effective in controlling dust, then an approved dust mask that complies with AS/NZS 1715:2009 must be utilised.

Eye/Face: Protective glasses or goggles that comply with AS/NZS 1336:2014.

Skin: Protective gloves that comply with AS/NZS 2161.2:2020.

Section 9 – Physical and Chemical Properties:

Appearance:	Granules
Colour:	White
Odour:	Chlorine odour
pH @ 20ºC:	2.7 – 2.9(1% aqueous solution)
Specific Gravity:	1.0 g/mL
Viscosity @ 20ºC:	No data available.
Freezing Point:	Decomposes
Boiling Point:	No data available.
Flash point:	No data available.
Flammability:	No data available.
Explosive Limits:	No data available.
Vapour Pressure:	No data available.
Vapour Density:	No data available.
Solubility:	Sparingly soluble in water. (1.2%w/w)
Partition Coefficient:	No data available.
Autoignition Temperature:	No data available.
Decomposition Temperature:	225ºC.
Volatiles:	No data available.

Section 10 – Stability and Reactivity

Chemical Stability: Stable under normal conditions of handling and storage.

Incompatible Materials: Acids (Mineral & Organic), Reducing agents. Zinc, Tins, Aluminium and their alloys.

Hazardous Decomposition Products: Combustion forms carbon dioxide and if incomplete carbon monoxide and possibly smoke. May form nitrogen oxides and hydrogen cyanide under a reducing atmosphere. May from Hydrogen Chloride gas and other Chlorine byproducts. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment and unconsciousness followed by coma and death.

Hazardous Polymerisation: This product will not undergo polymerisation reactions.

Section 11 – Toxicological Information

Potential Health Effects

Acute Toxicity:

Oral: This product is harmful by ingestion, based on the hazards and quantities associated with the ingredients in this formulation which have a toxicity classification.

Dermal: No data available.

Inhaled: No data available.

Eye Contact: This product is considered to be damaging to the eyes based on the hazards and quantities associated with the ingredients in this formulation which have irritancy/damage classifications.

Skin Contact: This product is considered to be irritating to the skin based on the hazards and quantities associated with the ingredients in this formulation which have irritancy/damage classifications.

Chronic Toxicity:

Sensitisation: No data available.

Germ Cell Mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive Toxicity: This product may be a reproductive toxicant based on the hazards and quantities associated with the ingredients in this formulation which have toxicity classifications.

STOT – Single Exposure: No data available.

STOT – Repeat Exposure: No data available.

Aspiration Hazard: No data available.

Carcinogen Status:

SWA: No significant ingredient is classified as carcinogenic by SWA.
NTP: No significant ingredient is classified as carcinogenic by NTP.
IARC: No significant ingredient is classified as carcinogenic by IARC.

Section 12 – Ecological Information

Ecotoxicity: This product is very toxic to aquatic life with long lasting effects.

Persistence and degradability: No data available.

Bioaccumulation: No data available.

Mobility: No data available.

Section 13 – Disposal Considerations

Disposal Considerations: Dispose of waste according to applicable local and national regulations. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations. Do not allow into drains or watercourses or dispose where ground or surface water may be affected. To minimise personal exposure to the chemical, refer to Section 8 – Exposure controls and personal protections.

Suggested Precautions: Do not pierce burn, cut, puncture or weld on or near containers. Empty containers may contain hazardous residues. Empty the container completely before disposal. Contaminated containers must not be treated as household waste.

Section 14 – Transport Information

Classified as a Dangerous Good for transport according to NZS 5433:2020 Transport of dangerous Goods on Land & Dangerous Goods Rule 2005. Regulated for transport of Dangerous Goods: ADG, UN, IATA and IMDG

UN Number: 2468

Proper Shipping Name:	TRICHLOROISOCYANURIC ACID, DRY
Class:	5.1
Packing Group:	II
Marine Pollutant:	Yes
Hazchem Code:	2WE
Limited quantities:	1kg

Section 15 - Regulatory Information

Australia

AICS: The following ingredient: Trichloroisocyanuric Acid, is mentioned in the SUSMP.

New Zealand:

NZIOC: All components are listed on the NZIOC.

NZ EPA Approval Code: Water Treatment Chemicals (Oxidising Liquids and Solids) Group Standard 2020 – HSR002683.

HSNO Controls:

	Trigger Quantity
Certified Handler	Not required
Location Certificate	500kg (Oxidising Solid 2)
Tracking	Not required
Signage	100kg (Aquatic Acute 1, Aquatic Chronic 1)
Emergency Response Plan	100kg (Aquatic Acute 1, Aquatic Chronic 1)

Section 16 - Other Information

SDS Version Number: 1.0

- Version 1.0 – SDS created 09/01/2025.

SDS Effective Date: 9 January 2025

SDS Review Date: 9 January 2030

SDS Regulation: The content and format of this SDS is in accordance with GHS 7, HSNO Approved Code of Practice (HSNOCOP 8-1 09-06) and SWA document “Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice”

Disclaimer:

This document is compiled based on current knowledge as provided by Fluidra NZ Ltd or information obtained from third party sources relating to safety and handling precautions for this product. Grayson Wagner has taken all due care to include accurate and up to date information in this document and does not provide any warranty as to accuracy or completeness. The information herein is given in good faith, but no warranty, express or implied is made.