

# SAFETY DATA SHEET

**Product Name: Zodiac Pool Long Life Algaecide**

## Section 1 – Identification of the Material and Supplier

<b>Product Name:</b>	<b>Zodiac Pool Long Life Algaecide</b>	
<b>Product Code:</b>	WPQLL1, WPQLL25	
<b>Product Use:</b>	Pool algaecide	
<b>Company Details:</b>	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
<b>Telephone Numbers:</b>	+64 800 807 665	+61 1300 763 021
<b>24hr Emergency:</b>	0800 734 607	1800 033 111
<b>Emergency Telephone:</b>	National Poisons Centre New Zealand  Poisons Information Centre Australia	0800 POISON (0800 764 766) 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 exempted from the Australian Code for the transport of Dangerous Goods (ADG) when shipped by land in packages below 500kg or IBC's

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

**SUSMP Classification:** S6



**Signal word:** **WARNING.**

**GHS Categories:** Skin Irritation – Category 2  
Eye Irritation – Category 2  
Skin Sensitisation – Category 1A  
Single Target Organ Toxicity – Repeated Exposure – Category 2  
Hazardous to the aquatic environment – Acute – Category 1  
Hazardous to the aquatic environment – Chronic – Category 1

### HAZARD STATEMENTS:

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H373 May cause damage to organs through prolonged or repeated exposure.  
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.
P260	Do not breathe mist.
P264	Wash contacted areas 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, protective clothing and eye or face protection.

**RESPONSE**

P101	If medical advice is needed, have product container of label at hand.
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.
P314	Get medical advice if you feel unwell.
P321	Specific treatment (see First Aid instructions on this label)
P332+P313	If skin irritation occurs: Get medical advice.
P333+P313	If skin irritation or rash occurs: Get medical advice.
P337+P313	If eye irritation persists: Get medical attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P391	Collect spillage.

**STORAGE**

None.

**DISPOSAL**

P501	Disposal of contents/container should be made in accordance with all applicable regional, national and local laws and regulations.
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**Section 3 - Composition/Information on Ingredients**

Ingredient	CAS Number	Content (%w/w)
Copper Triethanolamine Monomeric Complex	31089-39-1	10% – 30%
Triethanolamine	102-71-6	10% – 30%
Other ingredients deemed non-hazardous	-	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 inhalation occurs, contact a Poisons Information Centre, or call a doctor. Remove source of contamination or move victim to fresh air. If breathing is difficult, oxygen may be beneficial if administered by trained personnel, preferably on a doctor's advice.

**Skin Contact:** Remove contaminated clothing and shoes. Flush contaminated area with lukewarm water for 20-30 minutes and seek medical attention. If irritation persists, repeat flushing and seek medical advice.

**Eye Contact:** Immediately flush the contaminated eye(s) with lukewarm gentle flowing water for at least 15 minutes while holding the eyelid(s) open. Get medical attention. If irritation persists, seek medical attention.

**Ingestion:** If swallowed, do NOT induce vomiting, and contact a Poisons Information Centre, or seek medical attention.

**Section 5 - Fire Fighting Measures**

**Fire and Explosion Hazards:** The major 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:** Coarse water spray is preferred medium for large fires. Try to contain spills and minimise 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 oxides of nitrogen. If any quantity of this product is involved in a fire, call the fire brigade. There is little danger of a violent reaction or explosion if significant quantities of this product are involved in a fire.

## 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 collect with 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 bases and reducing agents. 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

The following exposure standards have been established for this product by Worksafe New Zealand.

Material	Type	mg/m <sup>3</sup>
Triethanolamine [102-71-6]	TWA	5

**Appropriate engineering controls:** The substance is hazardous and should be used in an open area with free-flowing air. If engineering controls 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 mists, 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:

<b>Appearance:</b>	Liquid
<b>Colour:</b>	Blue
<b>Odour:</b>	Ammonical
<b>pH @ 20°C:</b>	6.8.
<b>Specific Gravity:</b>	1.02 – 1.04.
<b>Viscosity @ 20°C:</b>	No data available.
<b>Freezing Point:</b>	No data available.
<b>Boiling Point:</b>	No data available.
<b>Flash point:</b>	No data available.
<b>Flammability:</b>	No data available.
<b>Explosive Limits:</b>	No data available.
<b>Vapour Pressure:</b>	No data available.
<b>Vapour Density:</b>	No data available.
<b>Solubility:</b>	Soluble in water.
<b>Partition Coefficient:</b>	No data available.
<b>Autoignition Temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	No data available.
<b>Volatiles:</b>	No data available.

## Section 10 - Stability and Reactivity

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

**Incompatible Materials:** Acids, Oxidising agents.

**Hazardous Decomposition Products:** Combustion forms carbon dioxide and if incomplete carbon monoxide and possibly smoke. May form nitrogen oxides and under a reducing atmosphere. 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:** No data available.

**Dermal:** No data available.

**Inhaled:** No data available.

**Eye Contact:** This product is considered to be irritating to the eye 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/corrosion classifications.

#### Chronic Toxicity:

**Sensitisation:** This product is considered sensitising to the skin based on the hazards and quantities associated with the ingredients in this formulation which have sensitivity classifications.

**Germ Cell Mutagenicity:** No data available.

**Carcinogenicity:** No data available.

**Reproductive Toxicity:** No data available.

**STOT – Single Exposure:** No data available.

**STOT – Repeat Exposure:** This product may cause damage to organs with repeated or prolonged exposure based on the hazards and quantities associated with the ingredients in this formulation which have STOT – Repeat Exposure classifications.

**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

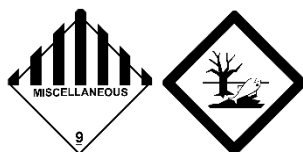
**Disposal Considerations:** Dispose of waste according to applicable local and national regulations. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations. Do not allow into drains or watercourses or dispose 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: UN, IATA and IMDG

**Not subject to the ADG Code when transported in Australia by Road or Rail in packages 500kg(L) or less; or IBC's (refer to SP AU01)**



**UN Number:** 3077  
**Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains COPPER AMMONIA COMPLEX)  
**Class:** 9  
**Subsidiary Class:** None  
**Packing Group:** III  
**Marine Pollutant:** Yes  
**Hazchem Code:** 2X  
**Special Provisions:** 274, 335, 375, 601  
**Limited quantities:** ADG 7 specifies a Limited Quantity value of 5 kg for this class of product.  
**Packing Instruction:** P002, IBC08, LP02

## Section 15 - Regulatory Information

### Australia

**AICS:** The following ingredient: Copper compounds, is mentioned in the SUSMP.

**AIC:** All of the significant ingredients in this formulation are compliant with AICIS regulations.

### New Zealand:

**NZIOC:** All components are listed on the NZIOC.

**NZ EPA Approval Code:** Water Treatment Chemical (Subsidiary Hazard) Group Standard 2020 – HSR002684.

### **HSNO Controls:**

	Trigger Quantity
Certified Handler	Not required.
Location Certificate	Not required.
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 15/05/2025.

**SDS Effective Date:** 15 May 2025

**SDS Review Date:** 15 May 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:**

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