SAFETY DATA SHEET

Product Name: Zodiac Phosphate Remover

Section 1 – Identification of the Material and Supplier

Product Name:	**Zodiac Phosphate Remover**	
Product Code:	WPQUPR1, WPQUPR2.5, WPQUPR25	
Product Use:	Remove phosphate from swimming pool water	
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.

Not classified in New Zealand as dangerous goods for transport according to NZS5433:2020 Transport of Dangerous Goods on Land and the Australian Code for the transport of Dangerous Goods (ADG).

Not classified as a Marine Pollutant based on International Maritime Dangerous Goods (IMDG) Regulations.

SUSMP Classification: None

Signal word: **WARNING.**

GHS Categories:
Skin Irritation – Category 2
Eye Irritation – Category 2
Single Target Organ Toxicity – Single Exposure – Category 3

HAZARD STATEMENTS:

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

PREVENTION

P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P261	Avoid breathing spray.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
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.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312	Call a POISON CENTRE or doctor if you feel unwell.
P321	Specific treatment (see First Aid instructions on this label).
P332+P313	If skin irritation occurs: Get medical advice.
P337+P313	If eye Irritation persists: Get medical attention.
P362+P364	Take off contaminated clothing and wash it before reuse.

STORAGE

P403+P233	Store in a well-ventilated place. Keep container tightly closed.
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)
Lanthanum Chloride Heptahydrate	10025-84-0	30 – 60%

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 wash affected area with soap and water. If redness or rash 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 immediate 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 are no specific risks 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.
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. If any quantity of this product is involved in a fire, call the fire brigade. May form toxic mixtures in air, may accumulate in low lying and form potentially explosive mixtures.

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 all spillage. Consider vacuuming if possible. 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: 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 generation of mist or spray 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 mist or spray, 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:	LIquid
Colour:	Colourless
Odour:	None
pH @ 20ºC:	No data available.
Specific Gravity:	No data available.
Viscosity @ 20ºC:	No data available.
Freezing Point:	No data available.
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:	Soluble in water.
Partition Coefficient:	No data available.
Autoignition Temperature:	No data available.
Decomposition Temperature:	No data available.
Volatiles:	No data available.

Section 10 – Stability and Reactivity

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

Incompatible Materials: Oxidising agents, strong bases.

Hazardous Decomposition Products: Decomposes on heating to produce chlorides and oxides of Lanthanum. Lack of oxygen in the atmosphere can produce 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 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: No data available.

STOT – Single Exposure: This product is considered irritating to the respiratory tract based on the hazards and quantities associated with the ingredients in this formulation which have Target Organ Toxicity.

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: No data available.

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

Not 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.

Not classified as Dangerous Goods for transport under the ADG regulations.

UN Number:	None
Proper Shipping Name:	None
Class:	None
Packing Group:	None
Marine Pollutant:	No
Hazchem Code:	None
Limited quantities:	None

Section 15 - Regulatory Information

Australia
AICS: All components are listed.
New Zealand:
NZIOC: All components are listed on the NZIOC.
NZ EPA Approval Code: Water Treatment Chemicals Subsidiary Hazard Group Standard 2020 – HSR002684.
HSNO Controls:

	Trigger Quantity
Certified Handler	Not required
Location Certificate	Not required
Tracking	Not required
Signage	Not required
Emergency Response Plan	Not required

Section 16 - Other Information

SDS Version Number: 1.0

- Version 1.0 – SDS created 28/10/2025.

SDS Effective Date: 28 October 2025

SDS Review Date: 28 October 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”