



PRICE CHEMICALS PTY LIMITED

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MATERIAL SAFETY DATA SHEET

Hazardous according to criteria of Worksafe Australia

Date of Issue : 1st January 2005

1. IDENTIFICATION

General

Product Name : PUREX PHOSPHATE REMOVER & ALGAE GROWTH INHIBITOR

Other Names : LANTHANUM CHLORIDE

UN No. : N/A

Dangerous Goods Class : N/A

Subsidiary Risk : None Allocated

Hazchem Code : N/A

Pack Group : III

EPG : 37

Poisons Schedule : N/A

Uses :

To reduce phosphates in swimming pool water.

1.1 Physical Description / Properties

Appearance : Clear to Grey Liquid

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Formula :

Boiling Point : Approx 105 deg C at 100kPa

Melting/Freezing Point : Approx -3 deg C

Vapour Pressure : 2.3 kPa at 20 deg C

Specific Gravity : 1.2 – 1.3

Flash Point : N/A

pH : 7.8 –8.0

Solubility in water : Ingredients are soluble.

Flammability Limits: Does Not Burn

Lower Explosion Limit : N/A

Upper Explosion Limit : N/A

1.2 Other Properties

No Odour

1.3 Ingredients

Chemical Entity	CAS No.	Proportions (%)
LANTHANUM CHLORIDE	(20211-76-1)	10-15
OTHER NON-HAZ INGREDIENTS	SECRET	5-10
WATER	(7732-18-5)	TO 100

2. HEALTH HAZARD INFORMATION

2.1 Health Effects - Acute

Swallowed

Short Term Exposure: Significant oral exposure is considered unlikely. This product is unlikely to cause any irritation problems in the short or long term.

Long Term Exposure: No data for health effects associated with long-term ingestion.

Eye

Exposure via eyes is considered to be unlikely. This product may be mildly irritating to eyes, but is unlikely to cause anything more than mild discomfort which should disappear once the product is removed.

Skin

Available data indicates that this product is not harmful. It should present no hazards in normal use. In addition the product is unlikely to cause any discomfort in normal use.

Inhaled

Significant inhalation exposure is considered to be unlikely. Available data indicates that this product is not harmful. In addition the product is unlikely to cause any discomfort or irritation

2.2 Health Effects - Chronic

None known.

2.3 First Aid

Swallowed

If swallowed, wash mouth with water and give some water to drink. Further first aid is not generally required. If in doubt contact a Poisons Information Centre Ph:131126

or doctor.

Eye

No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 mins or until product is removed. Obtain medical advice if irritation continues.

Skin

No specific health data is available for this product. If any unusual symptoms become evident, or if in doubt, wash skin with water and obtain medical advice.

Inhaled

First Aid is generally not required. If in doubt seek medical advice

2.5 Advice to Doctor

Treat symptomatically based on judgement of doctor and individual reactions of patient.

2.6 Toxicity Data

There is no data to hand indicating any particular target organs.

3. PRECAUTIONS FOR USE

3.1 Exposure Standards

Exposure Limits have not been established by NOHSC for any of the known significant ingredients in this product

3.2 Engineering Controls

No special ventilation requirements are normally necessary. However, make sure the work environment remains clean and that vapours and mists are minimised.

3.3 Personal Protection

No special equipment is usually needed when occasionally handling small quantities. However, if in doubt wear suitable goggles and gloves

3.4 Flammability

Non-combustible. Non-flammable. No risk of explosion. Fire decomposition products from the product are likely to be harmful if inhaled.

SAFE HANDLING INFORMATION

4.1 Storage / Transport

Keep container tightly closed. Store in a cool dry, well ventilated area dry. Do not store with combustible materials. This product is not classified as a dangerous good. No special transport conditions are necessary/

Risk Phrases

No ingredient mentioned in the List of Designated Hazardous substances is present in this product at hazardous concentrations.

Safety Phrases

No information indicates that this product is hazardous when occasionally handled in small quantities

If in doubt wear suitable protective clothing, gloves and eye/face protection.

In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible).

4.2 Spills and Disposal

Spills

Minor spills do not require special measures. In the event of a major spill, prevent spillage from entering drains or watercourses

Clean up personnel should wear suitable protective clothing including respiratory protection if vapours or mists are likely to build up in the cleanup area.

Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large create a dike to stop material spreading or going into drains or waterways. Sweep up or shovel product into labelled containers for recycling or salvage, and dispose of promptly. After spills wash area preventing runoff entering drains. If a significant quantity enters drains, advise emergency services.

This product does not degrade naturally. It will not cause ecological problems because it does not enter biological systems.

Disposal

Containers should be emptied as completely as practical before disposal. If possible, recycle containers. Product should be suitable for landfill. However, check with local Waste Disposal Authority before sending there. Please do NOT dispose into sewers or waterways.

4.3 FIRE AND EXPLOSION HAZARD

Fire / Explosion

There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

Only small quantities of the decomposition products are expected from this products at temperatures normally achieved in a fire. Fire decomposition products from this product are likely to be harmful if inhaled. Take suitable measures.

Extinguishing Media

Not combustible. Use extinguishing media suitable to burning materials.

5 OTHER INFORMATION

Other Information

5.1 Contact Points

Purex Phosphate Remover

Organisation	Location	Telephone	Ask For
Price Chemicals	Somersby	02 43400088	Technical Officer
Poisons Information Centre	Westmead	131129	
		1800-251525	