



Material Safety Data Sheet

Issue Date: July 21, 2011

Product Name: Hy-Chlor Phosphate Remover

Hazardous according to criteria of Worksafe Australia

COMPANY DETAILS

Company Name	HY-COLOR AUSTRALIA PTY LTD
Address	Suite 5.01, 15 Orion Road, Lane Cove NSW 2066
Tel/Fax	(02) 9498 2925

IDENTIFICATION

Product Name	Hy-Chlor Phosphate Remover
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

PHYSICAL DESCRIPTION/PROPERTIES

Appearance	Clear to Grey Liquid
Boiling Point	Approx 105 °C at 100 kPa
Melting/Freezing Point	Approx -3° C
Vapour Pressure	2.3 kPa at 20° 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
Other Properties	No odour

HEALTH HAZARD INFORMATION

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.
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.
Inhaled	Significant inhalation exposure is considered to be unlikely. Available data indicates that this product is unlikely to cause any discomfort or irritation.
Health Effects-Chronic	None known

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 Poisons Information Centre Ph: 131 126 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.

ADVICE TO DOCTOR

Treat symptomatically based on judgement

PRECAUTIONS FOR USE

Exposure Standards	Exposure Limits have not been established by NOHSC for any of the known significant ingredients in this product.
Engineering Controls	No special ventilation requirements are normally necessary. However, make sure the work environment remains clean and that vapours and mists are minimized.
Personal Protection	No special equipment is usually needed when occasionally handling small quantities. However, if in doubt wear suitable goggles and gloves.
Flammability	Non-combustible. Non-flammable. No risk of explosion. Fire decomposition from the product is likely to be harmful if inhaled.

SAFE HANDLING INFORMATION

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 the 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.

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, vermiculture 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. Do NOT dispose into sewers or waterways.

FIRE AND EXPLOSION HAZARD

Fire / Explosion There is not 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 product at temperatures normally achieved in a fire. Fire decomposition products from this product are likely to be harmful if inhaled. Take suitable precautions.

Extinguishing Media Not combustible. Use extinguishing media suitable to burning materials.

CONTACT POINT

Contact

Any advice, recommendation, information, assistance, or service provided by Hy-Clor Australia in relation to the goods supplied by it or their use or application is given in good faith and believed to be appropriate and reliable. However, it is provided with a disclaimer for any liability on the part of Hy-Clor Australia Pty Ltd. The customer accepts all risk and responsibility for use of the goods alone, or in combination with other products. All warranties, guarantees and conditions, other than those expressly stated, and whether implied by statute, common law, custom of the trade otherwise, are to the extent that the law permits expressly excluded.

Mark Sheridan
Technical Regulations Manager
Telephone: (02) 9498 2925