

## 1. Identification of the substance/preparation and of the company/undertaking

**1.1 Product Identifier** Phosphate Remover

**1.2 Relevant Identified uses of the substance or mixture and uses advised against**

Uses: Removes phosphates from water.

**1.3 Details of the supplier of the safety data sheet**

Company: Complete Pool Controls Ltd  
Unit 2, The Park  
Stoke Orchard  
Bishops Cleeve  
Gloucestershire  
GL52 7RS

Telephone: +44 (0) 8712 229081

+44 (0) 8712 229083

E-mail: [sales@cpc-chemicals.co.uk](mailto:sales@cpc-chemicals.co.uk)

**1.4 Emergency Telephone**

Tel: +44 (0) 8712 229081 (office hours)

+44 (0) 1242 300271 (outside of office hours)

## 2. Hazard Identification

**2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008**

Hazard Class	Hazard Statements
Skin Irrit. 2	H315
Eye Dam.1	H318
Aquatic Acute 1	H400
Aquatic Chronic 1.	H410

For the full text of the H statements mentioned in this section see Section 16.

**Most important adverse effects**

Human Health: See section 11 for toxicological information

Physical & Chemical Hazards: See section 9 for physicochemical information

Potential environmental effects: See section 12 for environmental information

**2.2 Label elements**

**Labelling according to Regulation (EC) No 1272/2008**

Hazard statements:	H315	Causes skin irritation
	H318	Causes serious eye damage
	H400	Very toxic to aquatic life
	H410	Very toxic to aquatic life with long lasting effects

Signal word: Danger

Hazard pictograms:	GHS-05	Corrosive
	GHS-09	Hazardous to the aquatic environment

Hazard symbols:



Precautionary statements:

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

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**2. Hazard Identification**

P262	Do not get in eyes, on skin, or on clothing.
P301+P310+P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN: Remove / Take off immediately all contaminated clothing. Rinse skin with
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/ regional /national /international

**3. Composition/information on ingredients****3.1 Mixture**

Chemical Name	CAS-No.	Amount %	H & R Phrases
Lanthanum Chloride	10099-58-8	14.50%	H315, H318, H400, H410

All other components are either non-hazardous or below the minimum quantities.

**4. First Aid measures****4.1 Description of first aid measures**

General Advice: Take off all contaminated clothing immediately. Symptoms of poisoning may occur after several hours. Medical observation for at least 48 hours after the accident is recommended.

If inhaled: Move to fresh air. If breathing has stopped administer artificial respiration. Get medical attention immediately

In case of skin contact: Immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes. Seek immediate medical attention if necessary.

In case of eye contact: Wash immediately and continuously with flowing water for at least 15 minutes. Remove contact lenses after the first 5 minutes and continue washing. Obtain prompt medical consultation, preferably from an ophthalmologist.

If swallowed: Give large amounts of water. Do not induce vomiting. Get medical attention immediately

**4.2 Most important symptoms and effects, both acute and delayed**

Symptoms: See Section 11 for more detailed information on health effects and symptoms

Effects: See Section 11 for more detailed information on health effects and symptoms

**4.3 Indication of immediate medical attention and special treatment needed**

Treat Symptomatically

**5. Fire fighting measures****5.1 Extinguishing media:**

Extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**5.2 Special hazards arising from the substance or mixture**

Exposure hazards: HCl is produced

**5.3 Advice for fire-fighters**

Advice for fire-fighters: Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Further Information: Collect contaminated fire extinguishing water separately.

## 6. Accidental release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions: Keep people at a distance and stay on the windward side. Do not breathe vapours. Put on breathing apparatus. Ensure adequate ventilation. Avoid contact with eyes.

### 6.2 Environmental precautions

Environmental precautions None Known

### 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up No special instructions are known to be necessary for cleaning up spills.

### 6.4 Reference to other sections

See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal

## 7. Handling and storage

### 7.1 Precautions for safe handling

Hygiene measures: Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of the work day. Take off all contaminated clothing immediately.

### 7.2 Conditions for safe storage, including any incompatibilities.

Storage areas : Secondary containment is recommended

Protection against fire: No special requirements

Storage containers Corrosive to Steel

Further information: Store in cool, dry place. Keep container closed when not in use; keep out of the reach of children

### 7.3 Specific end uses

No information is available.

## 8. Exposure control/personal protection

**8.1 Control parameters** None assigned

### 8.2 Exposure controls

**Engineering measures** Ensure adequate ventilation of the working area.

**General protective and hygienic measures** Keep away from foodstuffs, beverages and food. Instantly remove any contaminated garments. Wash hands during breaks and at the end of the work. Use skin protection cream for preventive skin protection. Do not eat, drink or smoke while working.

#### Personal protective equipment

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.

Eye protection Wear safety glasses approved to standard EN 166. Provide eye station

Skin and body protection Wear clean, long sleeved, body-covering clothing

#### Environmental exposure controls

General advice: General room ventilation plus local exhaust should be used

**9. Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Form: Liquid  
Colour: Very pale blue  
Odour: None

pH @ 20°C: >2

Melting point: Not known  
Boiling point: Not known

Vapour pressure: Not known  
Vapour density: Not known  
Density @ 20°C: 1.14

Water solubility: Fully soluble

*NOTE: These physical data are typical values based on material tested but may vary from sample to sample. Values should not be construed as a guaranteed analysis of any specific lot or as specifications*

**10. Stability and reactivity**

<b>10.1 Reactivity</b>	No decomposition if used according to specifications.
<b>10.2 Chemical stability</b>	Stable under normal use and conditions
<b>10.3 Possibility of hazardous reactions</b>	None known
<b>10.4 Conditions to avoid</b>	None known
<b>10.5 Incompatible materials</b>	Steel
<b>10.6 Hazardous decomposition products</b>	Hydrogen Chloride

**11. Toxicological Information**

<b>11.1 Information on toxicological effects</b>	<b>Toxicity Values</b>	No information available
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**Primary Irritant effect:**

On the eyes: Causes burns  
If swallowed: Possible irritant if swallowed

Carcinogenicity: This substance not listed as a potential carcinogen  
Sensitization: No information available

On the skin: No signs or erythema or edema were noted at any observation point. Based upon the evaluation criteria of the protocol, this substance is considered a non-irritant

**12. Ecological Information**

<b>12.1 Toxicity</b>	No information available
<b>12.2 Persistence and degradability</b>	No data available
<b>12.3 Bioaccumulative potential</b>	No data available
<b>12.4 Mobility in soil</b>	Soluble in water
<b>12.5 PBT and PvB assessment</b>	No information available
<b>12.6 Other adverse effects</b>	No further relevant information available

**13. Disposal Considerations****13.1 Waste treatment methods**

- Disposal should be in accordance with local, state or national legislation
- Do not reuse empty containers without commercial cleaning or reconditioning
- Do not discharge into drains or the environment, dispose to an authorised waste collection point

**Classification**

Waste Codes in accordance with the European Waste catalogue (EWC) are origin-defined. Since this product is used in several industries, no Waste Code can be provided by the supplier. The Waste Code should be determined in arrangement with your waste disposal partner or the responsible authority

**14. Transport Information**

<b>14.1 UN Number</b>	3264
<b>14.2 UN proper shipping name</b>	Corrosive liquid, basic, organic, n.o.s. . (Lanthanum salt derivative)
<b>14.3 Transport hazard class(es)</b>	Class 8 Classification Code C7 Hazard label 80 Transport Category 3 Tunnel E LQ 5 L
<b>14.4 Packaging Group</b>	III
<b>14.5 Environmental hazards</b>	Clean up even minor leaks or spills if possible without unnecessary risk
<b>14.6 Special precautions for user</b>	No further information available
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	n/a
<b>Further information:</b>	5 Litres or less are acceptable to ship as "Limited Quantity" except for transportation by air

**15. Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for this substance or mixture.****Information about limitation of use**

This Safety Data Sheet is provided in compliance with REACH Regulation (EC) No 1907/2006

**15.2 Chemical Safety Assessment**

A chemical safety assessment has not been carried out for the mixture by the supplier

**16. Other information**

Full text of H-statements referred to under sections 2 and 3

H315	Causes skin irritation
H318	Causes serious eye damage
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

**Further information**

Restricted to professional users. Attention - Avoid exposure- obtain special instructions before use

This information is believed to be accurate and represents the best information currently available to us. However, we make no warranty or merchantability, or fitness for any particular use, or any other warranty, express or implied, with respect to this information, and we assume no liability resulting from use of this information. Users should make their own investigations to determine the suitability of the information for their particular needs and uses.