

Gold Horizons Phosphate Remover

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

1.4 Emergency Telephone

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

+44 (0) 3712 229084 (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.
	P262	Do not get in eyes, on skin, or on clothing.
	P301+P310+P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

2. Hazard Identification

P303+P361+P353	IF ON SKIN: Remove / Take off immediately all contaminated clothing. Rinse skin with water/shower
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/ regional /national /international regulations.

3. Composition/information on ingredients

3.2 Mixture

Chemical Name	EC No	CAS-No.	Amount %	H & R Phrases
Lanthanum Chloride	233-237-5	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 & 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

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**10.1 Reactivity**

Reactivity: No decomposition if used according to specifications.

10.2 Chemical stability

Chemical stability: Stable under normal use and conditions

10.3 Possibility of hazardous reactions

Hazardous reactions: None known

10.4 Conditions to avoid

Conditions to avoid: None known

10.5 Incompatible materials

Materials to avoid: Steel

10.6 Hazardous decomposition products

Haz. decomp. products: Hydrogen Chloride

11. Toxicological Information**11.1 Information on toxicological effects****Toxicity Values**

No information available

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

12.1 Toxicity

Toxicity No specific test data available.

12.2 Persistence and degradability

Persistence and degradability Not Biodegradable.

12.3 Bioaccumulative potential

Bioaccumulative potential No data available

12.4 Mobility in soil

Mobility in soil Soluble in water

12.5 Results of PBT and PvB assessment

PBT and PvB No data available

12.6 Other adverse effects

Remarks: No data 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

14.1 UN Number

3264

14.2 UN proper shipping name

Corrosive liquid, basic, organic, n.o.s. . (Lanthanum salt derivative)

14.3 Transport hazard class(es)

Class	8
Classification Code	C7
Hazard label	80
Transport Category	3
Tunnel	E
LQ	5 L

14.4 Packaging Group

III

14.5 Environmental hazards

Clean up even minor leaks or spills if possible without unnecessary risk

14.6 Special precautions for user

No further information available

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

n/a

Further information:

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.

█ Indicates updated section