

**Concentrated Phos Away**

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

<b>1.1 Product Identifier</b>	Concentrated Phosaway		
<b>1.2 Relevant Identified uses of the substance or mixture and uses advised against</b>	Uses: Removes phosphates from water.		
<b>1.3 Details of the supplier of the safety data sheet</b>	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:	<a href="mailto:sales@cpc-chemicals.co.uk">sales@cpc-chemicals.co.uk</a>		
<b>1.4 Emergency Telephone</b>	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 Sens. 1:	H317
Eye Dam. 1:	H318
Aquatic Chronic 3:	H412



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 symbols:		
	GHS05:	GHS07:
Signal word:	Danger	
Hazard statements:	H317 H318 H412	May cause an allergic skin reaction Causes serious eye damage Harmful to aquatic life with long lasting effects
Precautionary statements:	P102 P261: P273: P280: P302+352: P305+351+338: P333+313: P405 P501:	Keep out of reach of children Avoid breathing mist/vapours/spray. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN: Wash with plenty of water/shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention. Store locked up Dispose of contents/container in accordance with local regulations.

**2.3 Other Hazards**

PBT: This product is not identified as a PBT/vPvB substance.

**Trade Name:** Concentrated Phos Away

### 3. Composition/information on ingredients

#### 3.1 Mixture

LANTHANUM CHLORIDE, HYDRATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
233-237-5	20211-76-1	-	Met. Corr. 1: H290; Skin Sens. 1A:H317; Eye Dam. 1: H318; Aquatic Chronic 2: H412	1-10%

Contains: Mixture of listed substances with non hazardous additions.

### 4. First Aid measures

#### 4.1 Description of first aid measures

- Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
- Eye contact: Check for and remove any contact lenses. Open eyes wide apart. Rinse opened eye with plenty of water for at least 15 minutes.
- Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
- Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor

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

- Skin contact: There may be irritation and redness at the site of contact.
- Eye contact: There may be pain and redness. The eyes may water profusely.
- Ingestion: There may be soreness and redness of the mouth and throat.
- Inhalation: Exposure may cause coughing or wheezing.
- Delayed/immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate/special treatment: Eye bathing equipment should be available on the premises.

### 5. Fire fighting measures

#### 5.1 Extinguishing media:

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers

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

Exposure hazards: Corrosive. In combustion emits toxic fumes.

#### 5.3 Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### 6. Accidental release Measures

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

Personal Precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Do not create dust.

#### 6.2 Environmental precautions

Environmental precautions Do not discharge into drains or rivers.

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

Methods for cleaning up Transfer to a closable, labelled salvage container for disposal by an appropriate method.

#### 6.4 Reference to other sections

Reference to other sections: See Section 8 for information on personal protection equipment.

Trade Name: Concentrated Phos Away

## 7. Handling and storage

### 7.1 Precautions for safe handling

Hygiene measures: Avoid direct contact with the substance. Ensure there is sufficient ventilation.  
Avoid the formation or spread of mists in the air.

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

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

### 7.3 Specific end uses

No data available.

## 8. Exposure control/personal protection

### 8.1 Control parameters

Workplace exposure limits: No data available

DNEL/PNEC values.

LANTHANUM CHLORIDE, ANHYDROUS

Type	Exposure	Value	Population	Effect
DNEL	Dermal	123 mg/kg	Workers	Local
DNEL	Inhalation	108.44 mg/m <sup>3</sup>	Workers	Systemic
PNEC	Microorganisms in sewage treatment	12.5 mg/l	Consumers	Systemic
PNEC	Fresh water	0.0176 mg/l	Consumers	Systemic
PNEC	Marine water	0.00176 mg/l	Consumers	Systemic
PNEC	Fresh water sediments	23.27 mg/kg	Consumers	Systemic
PNEC	Soil (agricultural)	5 - 50 mg/kg	Consumers	Systemic

### 8.2 Exposure controls

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

Respiratory protection Self-contained breathing apparatus must be available in case of emergency.

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

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

Skin and body protection Impermeable protective 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: White  
Odour: Barely perceptible odour  
Relative density: 1.082  
pH: 7.0 - 7.5

### 9.2 Other Information

Other Information No data available

**10. Stability and reactivity****10.1 Reactivity**

Reactivity Stable under recommended transport or storage conditions.

**10.2 Chemical stability**

Chemical stability Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

**10.4 Conditions to avoid**

Conditions to avoid Heat

**10.5 Incompatible materials**

Materials to avoid Strong oxidising agents. Strong bases. Strong acids.

**10.6 Hazardous decomposition products**

Haz. decomp. products: In combustion emits toxic fumes.

**11. Toxicological Information****11.1 Information on toxicological effects****Hazardous Ingredients:**

LANTHANUM CHLORIDE, HYDRATE

DERMAL	RBT	LD50	>1638	mg/kg
ORL	RAT	LD50	2621	mg/kg

**Relevant hazards for product:**

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated

**Excluded hazards**

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	-	No hazard: calculated
Acute toxicity (ac. tox. 3)	-	No hazard: calculated
Acute toxicity (ac. tox. 2)	-	No hazard: calculated
Acute toxicity (ac. tox. 1)	-	No hazard: calculated
Skin corrosion/irritation	-	No hazard: calculated
Germ cell mutagenicity	-	No hazard: calculated
Carcinogenicity	-	No hazard: calculated
Reproductive toxicity	-	No hazard: calculated
STOT-single exposure	-	No hazard: calculated
STOT-repeated exposure	-	No hazard: calculated
Aspiration hazard	-	No hazard: calculated

**Symptoms / routes of exposure**

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: Exposure may cause coughing or wheezing.

Delayed / immediate effects: Delayed effects can be expected after long-term exposure.

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## 12. Ecological Information

### 12.1 Toxicity

Ecotoxicity values:

Species	Test	Value	
Algae	72H ErC50	28.2	mg/l
Daiphnia	48H EC50	2.083	mg/l

### 12.2 Persistence and degradability

Persistence and degradability: Biodegradable

### 12.3 Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential

### 12.4 Mobility in soil

Mobility: Readily absorbed into soil.

### 12.5 Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

### 12.6 Other adverse effects

Other adverse effects: Negligible ecotoxicity.

## 13. Disposal Considerations

### 13.1 Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company

*NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.*

## 14. Transport Information

Transport class: This product does not require a classification for transport.

## 15. Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for this substance or mixture.

#### Information about limitation of use

Specific regulations: Not applicable.

### 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

H290: May be corrosive to metals.

H317: May cause an allergic skin reaction

H318: Causes serious eye damage

H412: Harmful 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

