

## Thick Tile & Liner Cleaner

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

**1.1 Product Identifier** Thick Tile & Liner Cleaner

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

Uses: Tile and Liner Cleaner for the removal of waterline deposits in Swimming Pools

**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

Fax: +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 Corr. 1B	H314
Serious Eye Damage 1	H318
Metal Corr.	H290

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:



Signal word:

Danger

Hazard statements:

H314 Causes severe skin burns and eye damage

H290 May be corrosive to metals

Precautionary statements

P102: Keep out of reach of children

P234: Keep only in original container.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P390: Absorb spillage to prevent material damage.

P406: Store in corrosive resistant container with a resistant inner liner.

P501: Dispose of contents/container in accordance with national regulations.

**Hazardous components which must be listed on the label**

Phosphoric Acid

**2.3 Other Hazards**

Other Hazards

No further information available

Trade Name: Thick Tile & Liner Cleaner

### 3. Composition/information on ingredients

#### 3.1 Mixture

A mixture of the chemicals listed below with non-hazardous additions

Index No	CAS No	ENICS No	%	CLP Phrases
Phosphoric Acid				
-	7664-38-2	231-633-2	<15	Skin Corr.1B, H314
Amines, Tallow Alkyl, Ethoxylated				
-	61791-26-2	500-153-8	<5	Skin Corr. 1C, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Flam Liq. 4, H227

### 4. First Aid measures

#### 4.1 Description of first aid measures

General Advice:	Show this safety data sheet to the doctor in attendance.
In case of eye contact:	Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Call a doctor immediately
In case of skin contact:	Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor. Wash contaminated clothing before re-use.
If Inhaled:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
If swallowed:	Do not induce vomiting. Give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately

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

Inhalation:	May cause irritation to nose, throat and upper respiratory tract.
Skin contact:	Direct contact may cause severe irritation, pain and burns.
Eye contact:	May cause eye redness, pain, blurred vision, eye burns and permanent damage.
Ingestion:	May include burns of the mouth, throat and stomach. Ingestion of large quantities may cause gastrointestinal irritation, vomiting and diarrhea.

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

Treatment	No specific antidote. Treatment should be based on observed signs and symptoms of distress.
-----------	---

### 5. Fire fighting measures

#### 5.1 Extinguishing media:

Extinguishing media:	Use fire-extinguishing media appropriate for surrounding materials. Use water spray to cool containers.
----------------------	---

#### 5.2 Special hazards during fire:

Special hazards :	In combustion emits Oxides of phosphorous
Flammable Class:	Not combustible

#### 5.3 Advice for firefighters

Advice for firefighters	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes
	Firefighters should wear self-contained breathing apparatus (SCBA) and full protective gear.

**6. Accidental release Measures****6.1 Personal precautions, protective equipment and emergency procedures**

Personal Precautions: In event of large spill, use safety glasses, full suit, dust respirator, boots, gloves, and a self-contained breathing apparatus to avoid inhalation of the product.

**6.2 Environmental precautions**

Environmental precautions: Avoid runoff into soil and/or surface waterways.

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

Cleaning up: Absorb product with sand, vermiculite, or any other non-combustible absorbent, and collect into containers for later disposal.

**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 disposal information

**7. Handling and storage****7.1 Precautions for safe handling**

General Precautions: Eating drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

Advice on safe handling: Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists. Wash thoroughly after handling.

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

Requirements for storage: Keep containers tightly closed in a dry, cool and well ventilated place. Protect from humidity.

Incompatibilities: Do not store together with strong bases, metals and strong oxidizing agents. Keep away from heat.

Comments: Do not store in metal containers.

**7.3 Specific end uses**

No data available

**8. Exposure control/personal protection****8.1 Control parameters**

PHOSPHORIC ACID					
UK	EH40 WEL	15 min	STEL	2	mg <sup>3</sup>
UK	EH40 WEL	8 hours		1	mg <sup>3</sup>

**8.2 Exposure controls**

**Engineering measures** Ensure there is sufficient ventilation of the area

**Personal protective equipment**

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

Hand protection Wear protective disposable gloves of chloroprene, neoprene or PVC to prevent skin exposure.

Eye protection Wear safety glasses approved to standard EN 166. Ensure eyewash available

Skin and body protection Impervious protective clothing

Trade Name: Thick Tile & Liner Cleaner

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form:	Liquid
Colour:	Blue
Odour:	None
pH @ 20°C:	< 1.0
Flashpoint:	Flammable
Vapour Pressure:	Not available
Vapour Density:	Not available
Solubility in Water:	Miscible
Specific Gravity (VOC)	1.085 10

**9.2 Other Information** No further information available

## 10. Stability and reactivity

### 10.1 Reactivity

Reactivity Stable under recommended transport or storage conditions

### 10.2 Chemical stability

Chemical stability Stable when handled and stored as indicated.

### 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 Extreme humidity and excess heat.

### 10.5 Incompatible materials

Incompatible materials Phosphoric acid liberates explosive hydrogen gas when reacting with chlorides and stainless steel. Can react violently with sodium tetrahydroborate. Exothermic reactions with aldehydes, amines, amides, alcohols and glycols, azo-compounds, arbamates, esters, caustics, phenols, ketenes, organophosphates, opoxides, explosives, combustible materials, unsaturated halides, and organic peroxides. Phosphoric acid forms flammable gases with sulfides, mercaptans, cyanides and aldehydes. It also forms toxic fumes with cyanides, sulfide, fluorides, organic peroxides, and halogenated organics.

### 10.6 Hazardous decomposition products

**Haz. Decomp. products** Phosphorous oxides may form when heated to decomposition.

**Other Information** Do not mix with other chemical formulations in their concentrated form

## 11. Toxicological Information

### 11.1 Information on toxicological effects

**Hazardous ingredients:**

PHOSPHORIC ACID				
Oral	Rat	LD50	1,530	mg/kg

#### Symptoms / routes of exposure

**on the skin:** There may be irritation and redness at the site of contact

**on the eye:** There may be irritation and redness. The eyes may water profusely

**Sensitization:** No information available

**Carcinogenic** No information available

**Mutagenic** No information available

Trade Name: Thick Tile & Liner Cleaner

## 12. Ecological Information

### 12.1 Toxicity

Toxicity: No information available

### 12.2 Persistence and degradability

Persistence and degradability: No information available

### 12.3 Bioaccumulative potential

Bioaccumulative potential: No information available

### 12.4 Mobility in soil

Mobility in soil: When released into the soil this material may leach into groundwater.

#### Results of PBT and PvB assessment

12.5 PBT and PvB assessment: No information available

### 12.6 Other adverse effects

Other adverse effects: When released to water, acidity may be readily reduced by natural water hardness minerals. The phosphate may persist indefinitely.

## 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	UN3264
14.2 UN proper shipping name	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (PHOSPHORIC ACID)
14.3 Transport hazard class(es)	8
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	See Section 7
	Tunnel Code: E
	Transport category: 3
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	n/a

## 15. Regulatory information

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

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

15.2 Chemical Safety Assessment: No information available

**16. Other information**

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

- H314 Causes severe skin burns and eye damage
- H290 May be corrosive to metals
- H318: Causes serious eye damage
- H302: Harmful if swallowed
- H227: Combustible liquid

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.

**Further information**

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

█ Indicates updated section