

## SAFETY DATA SHEET

**1. Identification of the substance/preparation and of the company/undertaking****1.1 Product Identifier**

Trade Name: Calcium Hardness Test Tablets

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

Uses: Water Testing

**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 Corrosion	H314

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 &amp; Chemical Hazards:

See section 9 for toxicological information.

Potential environmental effects:

See section 12 for toxicological information.

**2.2 Label elements**

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms: GHS05: Corrosion

Hazard symbols:



Signal word:

Danger

Hazard statements: H314 Causes severe skin burns and eye damage

Precautionary statements: P280

Wear protective gloves/protective clothing

P301+330 + P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting

P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water

P305+351+338: IF IN EYES: Rinse continuously with water for several minutes.

Remove contact lenses if present and easy to do – continue rinsing

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

Lithium Hydroxide

**2.3 Other Hazards**

Other Hazards: No other information is available.

Trade Name: Calcium Hardness Test Tablets

### 3. Composition/information on ingredients

#### 3.1 Mixture

Chemical nature: Mixture of substances listed below with nonhazardous additions

##### Ethylenediametetraacetic Acid Tetra sodium salt

EINECS CAS No: Index No % CLP Classification

-	194491-31-1	-	5-10%	Acute Tox. 4 H302; Eye Dam. 1 H318
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##### Lithium hydroxide

215-183-4	1310-66-3	-	10-30%	Acute Tox. 4 H302; Skin Corr. 1A H314; Corr. 1B H314
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##### Microcrystalline cellulose

232-674-9	9004-34-6	-	30-60%	-
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### 4. First Aid measures

#### 4.1 Description of first aid measures

General Advice: Take off all contaminated clothing immediately.

If inhaled: Unlikely route of exposure as the product does not contain volatile substances

In case of skin contact: Wash off immediately with plenty of soap & water. If irritation appears seek medical advice

In case of eye contact: Rinse immediately with plenty of water, also under eyelids for at least 15 minutes. Remove contact lenses. Consult an eye specialist immediately. Go to an ophthalmic hospital if possible.

If swallowed: Clean mouth with water and drink plenty of water. Call an ambulance and take these instructions. Never give anything by mouth to an unconscious person. DO NOT induce vomiting. If a person vomits when lying on his back place him in the

In case of eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult an eye specialist immediately. Go to an ophthalmic hospital if necessary.

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

Symptoms and effects: No further information available.

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

Treatment: Treat Symptomatically.

### 5. Fire fighting measures

#### 5.1 Extinguishing media:

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

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

Specific Hazards: No further information available.

#### 5.3 Advice for fire-fighters

Protective equipment: In the event of fire, wear self-contained breathing apparatus. Wear appropriate body protection (full protective suit).

Further Information: Collect contaminated fire extinguishing water separately.

**Trade Name:** Calcium Hardness Test Tablets

## 6. Accidental release Measures

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

Personal Precautions: Use personal protective equipment. Avoid contact with skin and eyes. For personal protection see section 8.

### 6.2 Environmental precautions

Environmental precautions: Do not flush into surface water or sanitary sewer system.

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

Cleaning Up Collect in containers and seal securely. Containers with collected spillage must be properly labelled with correct contents and hazard symbol

Further information Treat recovered material as described in the section 'Disposal considerations'

### 6.4 Reference to other sections

References: For personal protection see section 8

## 7. Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling: Keep container tightly closed. Use personal protective equipment. Avoid contact with the skin and the eyes. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity.

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 workday. Take off all contaminated clothing immediately.

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

Storage Requirements Store in original container in a dry, cool place

Fire and explosion: No further information available.

Further information: No further information available.

Common storage: Keep away from food, drink and animal feeding stuffs.

### 7.3 Specific end uses

Specific use(s) No information is available.

## 8. Exposure control/personal protection

### 8.1 Control parameters Acute Toxicity

Ethylenediametetraacetic acid tetra sodium salt

Regulatory List:	TWA*	Value	
WEL	8 hrs	4	mg/m <sup>3</sup>
WEL	15 min	20	mg/m <sup>3</sup>

\*Time Weighted Average

### 8.2 Exposure controls

**Engineering measures** Refer to protective measures listed in sections 7 and 8.

#### Personal protective equipment

Respiratory protection Not required

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 Tightly fitting safety goggles approved to standard EN 166 .

Skin and body protection Acid resistant protective clothing.

#### Environmental exposure controls

General advice: Do not flush into surface water or sanitary sewer system.

**Trade Name:** Calcium Hardness Test Tablets

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form: Solid  
Colour: Pink  
Odour: odourless  
Water solubility: completely miscible.  
Explosive properties: Product is not explosive.

### 9.2 Other Information

Other Information No further information

## 10. Stability and reactivity

### 10.1 Reactivity

Reactivity No information available.

### 10.2 Chemical stability

Chemical stability No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions: No hazardous reactions known

### 10.4 Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

### 10.5 Incompatible materials

Materials to avoid No information available.

### 10.6 Hazardous decomposition products

Haz. Decomp. products: Stable under recommended storage conditions.

## 11. Toxilogical Information

### 11.1 Information on toxilogical effects

Acute Toxicity  
Oral: Corrosive Causes burns

Primary irritant effect:

On the skin: Corrosive Causes burns to skin  
On the eye: Corrosive Causes burns to eyes

### Other relevant toxicity information

Further information: All numerical values for acute toxicity are calculated on the pure substances. If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and the stomach.

## 12. Ecological Information

### 12.1 Toxicity

Toxicity There is no data on the etoxity of this product. The product components are not classified as envonmentally hazardous.

### 12.2 Persistence and degradability

Persistence and degradability No information available

[Cont...]

**12. Ecological Information****12.3 Bioaccumulative potential**

Bioaccumulative potential No information available

**12.4 Mobility in soil**

Mobility in soil No data available

**12.5 Results of PBT and PvB assessment**

PBT and PvB No data available

**12.6 Other adverse effects**

Adverse effects The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment

**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** UN2680**14.2 UN proper shipping name** LITHIUM HYDROXIDE**14.3 Transport hazard class(es)**

ADR / RID Class	8
Label	8
Classification code	c1
Hazard ID	80
Tunnel Restriction code	(E)
IMDG Class	8
Labels	8
EMS	F-A,S-B

**14.4 Packaging Group**

ADR / RID / IMDG: II

**14.5 Environmental hazards**

Labelling according to 5.2.1.8 ADR/RID/IMDG:	No
Classification as environmentally hazardous according to 2.9.3 IMDG:	no
Classified as 'P' according to 2.10 IMDG:	no

**14.6 Special precautions for user**

Not applicable

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

IMDG: Not applicable

**Trade Name: Calcium Hardness Test Tablets**

## 15. Regulatory information

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

**15.2 Chemical Safety Assessment**

No data available

## 16. Other information

Full text of H-statements referred to under sections 2 and 3  
H314 Causes severe skin burns and eye damage

### Further information

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

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Rev 3

Indicates updated section