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**SAFETY DATA SHEET**

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**1 Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Product Name: **Spa Hardness Plus**  
Datasheet Number: Spa Hardness Plus 3. 0. 0  
Chemical Name: Calcium chloride  
Index Number: 017-013-00-2  
CAS No.: 233-140-8

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

Pool / spa treatment

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

Name of Supplier: Complete Pool Controls Ltd  
Address of Supplier: Unit 2, The Park  
Stoke Orchard  
Bishops Cleeve  
Gloucestershire GL52 7RS  
UK  
Telephone: +44 (0) 8712 229081  
Fax: +44 (0) 8712 229083  
Responsible Person: Sales Dpt  
Email: sales@cpc-chemicals.co.uk

**1.4 Emergency telephone number**

+44 (0) 8712 229081 (09:00 - 17:00)  
+44 (0) 1242 300271

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**2 Hazards identification****2.1 Classification of the substance or mixture**

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]
- Eye Irrit. 2, H319
- Classification (67/548/EEC, 1999/45/EC)
- Xi; R36
- Additional information: For full text of R-phrases and Hazard- and EU Hazard-statements: see section 16

**2.2 Label elements**

- Signal Word: Warning
- Symbols: GHS07

**Hazard phrases**

- Causes serious eye irritation.

**Precautionary Phrases**

- Keep out of reach of children.
  - Do not breathe dust/fume/gas/mist/vapours/spray.
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## 2 Hazards identification (....)

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Get medical advice/attention.

### 2.3 Other hazards

- No information available.

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## 3 Composition/information on ingredients

### 3.1 Mixtures

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases*	Symbols
calcium chloride	77%	10043-52-4	233-140-8	H319, R36	GHS07, Xi

\*See Section 16

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## 4 First aid measures

### 4.1 Description of first aid measures

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical advice/attention.
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- IF exposed or concerned: Get medical advice/attention.
- If medical advice is needed, have product container or label at hand.

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

- Causes irritation

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

- Treat symptomatically

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## 5 Fire-fighting measures

### 5.1 Extinguishing media

- In case of fire: use water, carbon dioxide or dry agent for extinction

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

- No information available

### 5.3 Advice for firefighters

- Wear protective clothing as per section 8
- Wear self-contained breathing apparatus (SCBA).

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## 6 Accidental release measures

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

- Wear protective clothing as per section 8
- Avoid raising dust
- Avoid contact with skin and eyes
- Eyewash bottles should be available

## 6 Accidental release measures (....)

### 6.2 Environmental Precautions

- Do not allow to enter public sewers and watercourses

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

- Collect spillage.
- Sweep or shovel-up spillage and remove to a safe place
- Place in appropriate container
- Remove contaminated material to safe location for subsequent disposal
- Flush spill area with copious amounts of water

### 6.4 Reference to other sections

- See Section 7 & 8
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## 7 Handling and storage

### 7.1 Precautions for safe handling

- Avoid contact with skin and eyes.
- Prevent formation of dust
- Do not eat, drink or smoke when using this product.
- Wash thoroughly after handling.
- Eyewash bottles should be available

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

- Keep away from foodstuff.
- Keep in a cool, dry, well ventilated place
- Keep only in original container.
- Keep container tightly closed.

### 7.3 Specific end use(s)

- No information available.
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## 8 Exposure controls/personal protection

### 8.1 Control parameters

- None assigned

### 8.2 Exposure controls

- The undiluted product must not be used in a confined space without good ventilation

#### Occupational exposure controls

- In case of inadequate ventilation wear respiratory protection.
- Wear safety glasses approved to standard EN 166.
- Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.
- Wear apron or other light protective clothing



Respirator



Goggles



Gloves

Suit

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## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Odour: Perceptible odour
- Appearance: colourless, Solid
- pH - not known
- Boiling point - not known
- Vapour pressure - not known
- Vapour density - not applicable
- Melting point 29.2 °C
- Water solubility 593 g/l
- Specific gravity - not known
- Flash point - not applicable
- Non-explosive
- Partition coefficient : n-Octanol/water - not known
- Evaporation rate - not known
- Viscosity - not applicable

### 9.2 Other information

- No information available
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## 10 Stability and reactivity

### 10.1 Reactivity

- No information available

### 10.2 Chemical stability

- No decomposition if stored normally.

### 10.3 Possibility of hazardous reactions

- No information available

### 10.4 Conditions to avoid

- Avoid formation of dust

### 10.5 Incompatible materials

- No information available

### 10.6 Hazardous Decomposition Products

- Stable under normal conditions
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## 11 Toxicological information

### 11.1 Information on toxicological effects

#### Inhalation

- May cause respiratory tract irritation.
- May cause coughing

#### Contact with skin

- No irritant effect

#### Contact with eyes

- Causes severe irritation
  - Causes pain
  - In cases of severe exposure, redness and swelling may develop
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## 11 Toxicological information (....)

### Ingestion

- The ingestion of significant quantities may cause nausea/vomiting

### Carcinogenicity

- No evidence of carcinogenic effects

### Teratogenicity

- No information available

### Mutagenicity

- No information available
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## 12 Ecological information

### 12 .1 Toxicity

- No information available

### 12 .2 Persistence and degradability

- No information available

### 12 .3 Bioaccumulation Potential

- No information available

### 12 .4 Mobility in soil

- No information available

### 12 .5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

### 12 .6 Other Adverse Effects

- Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
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## 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.
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## 14 Transport information

### 14.1 UN Number

### 14.2 UN Proper Shipping Name

N/A

### 14.3 Transport hazard class(es)

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## 14 Transport information (....)

### 14.4 Packing group

### 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

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

- Not applicable

### Other information

#### Road/Rail (ADR/RID)

Proper Shipping Name: N/A

ADR Hazard Class:

Tunnel Code:

ADR UN No.:

ADR Packing Group:

#### Sea (IMDG)

Proper Shipping Name: N/A

IMDG Hazard Class.:

IMDG UN No.:

IMDG Pack Group.:

#### Air (ICAO/IATA)

Proper Shipping Name: N/A

ICAO Hazard Class.:

ICAO Un No.:

ICAO Packing Group.:

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## 15 Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the 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

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## 16 Other information

### Revisions

1. 08/03/2007 Created by Linda Brueford.
2. 07/06/2011 by Linda Brueford. Updated. GHS label elements added and other minor editorial amendments.
3. September 2013 by ChemRegs. Minor amendments.

Text of R and S phrase codes used in this safety data sheet:- H319: Causes serious eye irritation.; R36: Irritating to eyes.

The statements made herein are based on our best present experience and are intended to describe product safety requirements. They should not therefore be considered as a warranty of specific properties.