



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

### 1.1 Product Identifier

Trade Name: Ultimate Water Clarifier  
Other Names: Cationic Liquid

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

Uses: Flocculant for the Clarification of Swimming Pool and Spa water  
Restrictions: At this time we do not yet have information on identified restrictions.

### 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

The product is not classified according to the CLP regulations

#### Label elements

#### Labelling according to Regulation (EC) No 1272/2008

The product does not have to be labelled due to the calculation procedure of the 'General Classification guideline for preparations of the EU' in the latest version

#### Precautionary statements:

P102 Keep out of reach of children  
P280: Wear eye protection  
P303+361+353: Remove/Take off immediately all contaminated clothing. Rinse skin with water

## 3. Composition/information on ingredients

### 3.1 Mixture

Chemical nature: Liquid

#### Chemical Name

Aqueous solution of polydiallyldimethylammonium chloride

#### CAS-No.

26062-79-3

#### Amount %

10 - 30%

## 4. First Aid measures

### 4.1 Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance. Remove from exposure, lie down.

Inhalation: Move to fresh air. Allow patient to assume the most comfortable position and keep warm. Keep at rest until fully recovered. Give drinks of water if required.

Ingestion: Rinse out mouth and then drink plenty of water.

Skin contact: Immediately rinse with water. If irritation persists consult a doctor.

Eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

**4. First Aid measures**

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

Inhalation: No symptoms  
Ingestion: There may be irritation of the throat  
Skin contact: There may be mild irritation at the site of contact  
Eye contact: There may be mild irritation and redness

**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 to the surrounding environment. (dry chemical, CO<sub>2</sub>, water spray or foam).  
Unsuitable media: No information available.  
Specific Hazards : In combustion emits toxic fumes

**5.3 Advice for fire-fighters**

Protective equipment Wear self contained breathing apparatus. Wear protective clothing to prevent contact with 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. Turn leaking containers leakerside up to prevent the escape of liquid.

**6.2 Environmental precautions**

Environmental precautions: Do not allow product to reach sewage system or water bodies. Contain the spillage using bunds.

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

Cleaning up. Stop leak if possible without risk. Absorb vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area.

**6.4 Reference to other sections**

For personal protection see section 8  
For disposal see section 13

**7. Handling and storage**

**7.1 Precautions for safe handling**

Advice on safe handling: Prevent formation of aerosols  
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 break and at the end of the workday

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

Storage Keep in original containers. Store in a dry atmosphere.  
Fire and explosion: No information available  
Further information No further data available

**7.3 Specific end uses**

For the flocculation of pool/spa water

## 8. Exposure control/personal protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values

### 8.2 Exposure controls

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

#### Personal protective equipment

Respiratory protection No recommendation made

Hand protection Wear protective gloves if risk of contact. 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 (EN166). Ensure eyebath is to hand

Skin and body protection Protective clothing with elasticised cuffs and closed neck

#### Environmental exposure controls

General advice: Good personal hygiene practises always advisable when working with chemicals.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form: Viscous Liquid

Colour: Blue

Odour: Characteristic Odour

pH @ 20°C: 5 - 6

Boiling point/boiling range: Undetermined

Melting point/melting range: No data available

Flash point: Not applicable

Density @ 20°C: No data available

Water solubility: Fully miscible

Explosive properties: Product is not explosive.

Oxidising properties: No data available

### 9.2 Other Information

Specific gravity at 20°C 1.02 g/cm<sup>3</sup>

## 10. Stability and reactivity

### 10.1 Reactivity

Advice: Stable under recommended transport or storage conditions

### 10.2 Chemical stability

Advice: No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions: Decomposition may occur on exposure to conditions or materials listed below

### 10.4 Conditions to avoid

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

### 10.5 Incompatible materials

Materials to avoid Strong oxidising agents. Strong acids

### 10.6 Hazardous decomposition products

Haz. Decomp. products: In combustion emits toxic fumes

**11. Toxicological Information****11.1 Information on toxicological effects****Primary irritant effect:****on the skin:** There may be mild irritation at the site of contact**on the eye:** There may be irritation and redness**Sensitization:** No information available

Further information No specific symptoms noted.

**12. Ecological Information****12.1 Toxicity****Toxicity** Not applicable**12.2 Persistence and degradability****Persistence and degrad:** Biodegradable**12.3 Bioaccumulative potential****Remarks:** No bioaccumulation potential**12.4 Mobility in soil****Remarks:** Readily absorbed into soil**12.5 Results of PBT and PvB assessment****Remarks:** This substance is not identified as a PBT substance**12.6 Other adverse effects****Remarks:** Negligible ecotoxicity.**13. Disposal Considerations****13.1 Waste treatment methods****Product:** Disposal should be in accordance with local or national regulations**Contaminated packaging:** Disposal should be in accordance with local or national regulations**European Waste Catalogue No:** No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.**14. Transport Information****14.1 UN Number** Not applicable**14.2 UN proper shipping name** POLYDIALLYLDIMETHYLAMMONIUM CHLORIDE**14.3 Transport hazard class(es)** Not applicable**14.4 Packaging Group** Not applicable**14.5 Environmental hazards** Not applicable**14.6 Special precautions for user** Not applicable

**Trade Name:** Ultimate Water Clarifier

## 15. Regulatory information

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

This product is not classified according to the EU regulations

### 15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## 16. Other information

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

### 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.

### Rev 2

█ Indicates updated section