

Material Safety Data Sheet
According to 91/155 EEC

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

- **Trade Name:** Ultimate Water Clarifier
- **Other names**
- **Intended use of chemical** For the flocculation of pool/spa water
- **Manufacturer/Supplier** Complete Pool Controls Ltd, Unit 2, The Park, Stoke Orchard, Bishops Cleeve, Gloucestershire, GL52 7RS.
Tel: +44 (0) 8712 229081
Fax: +44 (0) 8712 229083

2. Composition/information on ingredients

- **Chemical characterization:**
- **CAS No. Description** An aqueous solution of polydiallyldimethylammonium chloride
- **EINECS Number:**
- **EU Number:**

3. Hazard Identification

- **Non Hazardous**

4. First Aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately rinse with water. If irritation persists consult a doctor.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After Ingestion:** Rinse out mouth and then drink plenty of water. DO NOT INDUCE VOMITING, call for medical help immediately.

5. Fire fighting measures

- **Special extinguishing media:** CO₂, powder or water spray. Fight larger fires with water spray
- **Special exposure hazards in fire:** none known.
- **Special protective equipment:** Wear self contained breathing apparatus. Wear protective clothing to prevent contact with eyes.

Trade Name: Ultimate Water Clarifier**6. Accidental release Measures**

- **Personal Protection** Not required
- **Environmental Protection** Do not allow to enter sewers/surface or ground water.
- **Methods for cleaning:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Send for recovery or disposal in suitable receptacles.

7. Handling and storage

- **Personal Protection** Prevent formation of aerosols.
- **Storage** Keep container tightly sealed
Store in cool dry conditions

8. Exposure control/personal protection

- **Exposure control limits and source:** No exposure limit established
- **Hand Protection** Wear suitable chemical resistant gloves
- **Eye Protection** Wear appropriate safety goggles
- **Skin Protection** Wear protective clothing with elasticised cuffs and closed neck.

**9. Physical and chemical properties**

- **Appearance at 20oC** Viscous Blue
- **Odour** Mild
- **Specific gravity at 20oC** 1.02 g/cm³
- **pH (conc)** 5 - 6
- **Boiling Point** Undetermined.
- **Flash Point** Not applicable.
- **Solubility in water** Fully miscible.

Trade Name: Ultimate Water Clarifier**10. Stability and reactivity**

- **Conditions to avoid** No decomposition if used and stored according to specifications.
- **Materials to avoid**
- **Hazardous decomposition products** Carbon monoxide and carbon dioxide/Nitrogen oxides

11. Toxicological Information

- **Inhalation** No sensitizing effect.
- **Ingestion** No irritant effect.
- **Skin** No irritant effect.
- **Eyes** No irritant effect.
- **Toxicity** 26062-79-3 Polydiallyldimethylammonium chloride
Oral LD50 >2000 mg/kg (rat)

12. Ecological Information

- **Mobility** Product is not expected to bioaccumulate
- **Persistence and degradability** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system

13. Disposal Considerations

- **Substance** Used, degraded or contaminated product may be classified as hazardous waste. Anyone classifying hazardous waste and determining its fate must be qualified in accordance with state and international legislation.
- **Container** As product

14. Transport Information

- **Not Classified**

Trade Name: Ultimate Water Clarifier**15. Regulatory information**

- | | |
|--------------------------------|--------------------------|
| • Product Name | Ultimate Water Clarifier |
| • Symbol | N/A |
| • Indications of danger | N/A |
| • Risk phrases | N/A |
| • Safety phrases | N/A |

16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.