

## Ultimate Paddlecare Algae Protector

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

**1.1 Product Identifier** Ultimate Paddlecare Algae Protector

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

Uses: Algaecide  
Application of substance: Water Treatment  
Main Group 1: Disinfectants  
Product type 2: Disinfectants and algaecides not intended for direct application to humans or animals.

**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) 3712 229084 (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**

Aquatic Acute 1 H400

Aquatic Chronic 1 H410

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:



Hazard pictograms: GHS09: Environmental

Signal word: Warning

Hazard statements: H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements: P101 If medical advice is needed, have product container or label at hand  
P102 Keep out of reach of children  
P273 Avoid release to the environment  
P391 Collect Spillage  
P501 Dispose of container in accordance with national regulations

**2.3 Other Hazards**

PBT/vPvB: This product is not identified as a PBT/vPvB substance.

### 3. Composition/information on ingredients

#### 3.2 Mixture

Description: Mixture of substances listed below with nonhazardous additions.

25988-97-0 Polymer of N-Methylmethanamine (EINECS 204-697-4 with (chloromethyl)-oxirane (EINECS 203-439-8)  
/ Polymeric quaternary ammonium chloride

%	CLP Phrases
10 - 25%	Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302

### 4. First Aid measures

#### 4.1 Description of first aid measures

General Advice: Take affected persons out into the fresh air.  
Keep warm, position comfortably and cover well.  
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

If inhaled: Take affected persons into fresh air and keep quiet.

Skin contact: If skin irritation continues, consult a doctor.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Remove contact lenses. Protect unharmed eye. Call a doctor immediately

If swallowed: Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician immediately.

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

Symptoms & effects: See Section 11 for more detailed information

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

Treatment No further relevant information

### 5. Fire fighting measures

#### 5.1 Extinguishing media:

Suitable media: Water Spray, Foam, Fire extinguisher powder, carbon dioxide  
Use fire extinguishing methods suitable to surrounding conditions.

Unsuitable media: Water with full jet

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

Specific Hazards: In case of fire, the following can be released:  
Carbon monoxide (CO) Nitrogen oxides (NOx)

#### 5.3 Advice for fire-fighters

Protective equipment Wear fully protective suit.  
Wear self-contained respiratory protective device.  
Do not inhale explosion gases or combustion gases.

Further Information: Cool endangered receptacles with water spray  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

## 6. Accidental release Measures

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

Personal Precautions: Keep people at a distance and stay on the windward side.  
Particular danger of slipping on leaked/spilled product.

### 6.2 Environmental precautions

Environmental precautions: Avoid release to the environment  
Do not allow to enter public sewers and watercourses.  
Inform appropriate authorities in case of seepage into water course or sewage system.  
Dilute with plenty of water

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

Cleaning up: Collect as much as possible in clean container for re-use or disposal.  
Further Information: Dispose of contaminated material as waste according to item 13.

### 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

Safe handling: Keep receptacles tightly sealed.  
Keep away from heat and direct sunlight.  
Fire and explosion protection: No special measures required.

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

Storage : Keep this product in original, sealed container when not in use. Prevent any seepage into the  
Further information : Protect from frost  
Storage Classe: 12  
Common storage: Not required

### 7.3 Specific end uses

Specific use(s) No information is available.

## 8. Exposure control/personal protection

### 8.1 Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.  
Additional information: The lists valid during the making were used as basis.

### 8.2 Exposure controls

General & Hygienic measures: General protective and hygienic measures:  
Keep away from foodstuffs, beverages and feed.  
Wash hands before breaks and at the end of work.

#### Personal protective equipment

Respiratory protection Not required

#### Hand protection

The glove material has to be impermeable to the product/the substance/preparation.  
Due to missing tests no recommendation to the glove material can be given for the product  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

## 8. Exposure control/personal protection

### Glove Material

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

### Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

For permanent contact gloves made of the following materials are suitable: Rubber gloves

Not suitable are gloves made of the following materials: Strong material gloves, Leather gloves

Eye protection                      Tightly fitting safety goggles.

Skin and body protection              Light weight protective clothing

### Environmental exposure controls

General advice:                      Local authorities should be advised if significant spillages cannot be contained

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form:                      Fluid

Colour:                      Blue

Odour:                      Characteristic

Odour Threshold:                      Not determined

pH @ 20°C:                      5.7

Melting Point                      ca. 0 °C

Boiling point/boiling range: 100 °C

Flash point:                      Not applicable

Flammability (solid, gas)                      Not applicable

Ignition temperature:                      >100 °C

Auto-ignition temperature:                      Product is not selfigniting.

Explosive properties:                      Product does not present an explosion hazard.

Water solubility:                      Fully miscible

Partition coefficient:                      n-octanol/water: -3.13

**9.2 Other Information**                      No further information

## 10. Stability and reactivity

### 10.1 Reactivity

Reactivity                      No further relevant information available

### 10.2 Chemical stability

Chemical stability                      No decomposition if used according to specifications

### 10.3 Possibility of hazardous reactions

Hazardous reactions:                      No dangerous reactions known

### 10.4 Conditions to avoid

Conditions to avoid                      No further relevant information available

### 10.5 Incompatible materials

Materials to avoid                      No further relevant information available

### 10.6 Hazardous decomposition products

Haz. Decomp. products:                      No dangerous reactions known

## 11. Toxicological Information

## 11.1 Information on toxicological effects

**Acute toxicity** Based on available data, the classification criteria are not met.

25988-97-0 Polymer of N-Methylmethanamine (EINECS 204-697-4 with (chloromethyl)-oxirane (EINECS 203-439-8) / Polymeric quaternary ammonium chloride

Test		Species	Value	Units
LD50	Oral	Rat	1,672	mg/kg

Primary irritant effect:

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Respiratory /skin sensitisation Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

## 12. Ecological Information

## 12.1 Toxicity

Aquatic toxicity: No further relevant information available.

## 12.2 Persistence and degradability

Biogradability Easily biodegradable

## 12.3 Bioaccumulative potential

Bioaccumulative potential No further relevant information available.

## 12.4 Mobility in soil

Mobility in soil No further relevant information available.

Ecotoxicological effects:

Remark: Very toxic for fish

Additional ecological information:

Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even extremely small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Very toxic for aquatic organisms

## 12.5 Results of PBT and PvB assessment

PBT and PvB assessment: Not applicable

## 12.6 Other adverse effects

Other adverse effects No further relevant information available.

### 13. Disposal Considerations

#### 13.1 Waste treatment methods

##### Recommendation

Must be specially treated adhering to official regulations.  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.  
Uncleaned packaging:

##### Recommendation:

Packaging may be reused or recycled after cleaning.  
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

##### Recommended cleansing agents:

Water, if necessary together with cleansing agents.

### 14. Transport Information

<b>14.1 UN Number</b>	UN3082
<b>14.2 UN proper shipping name</b>	
ADR / IATA	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Polymer of N-Methylmethanamine (EINECS 204-697-4 with (chloromethyl)-oxirane (EINECS 203-439-8) / Polymeric quaternary ammonium chloride)
IMDG	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Polymer of N-Methylmethanamine (EINECS 204-697-4 with (chloromethyl)-oxirane (EINECS 203-439-8) / Polymeric quaternary ammonium chloride) MARINE POLLUTANT
<b>14.3 Transport hazard class(es)</b>	
Class	9 Miscellaneous dangerous substances and articles.
Hazard label	9
<b>14.4 Packaging Group</b>	III
<b>14.5 Environmental hazards</b>	
Environmentally Hazardous	Yes
Marine Pollutant	Yes
Special Marking	Symbol (fish and tree)
<b>14.6 Special precautions for user</b>	Miscellaneous dangerous substances and articles.
Danger code (Kemler):	90
EMS Number:	F-A,S-F
Stowage Category	A
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	N/a
<b>Transport / Additional Information</b>	
ADR /IMDG	
Excepted quantities (EQ):	E1
Limited quantities (LQ)	5L
Excepted quantities (EQ) Code:	E1
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
Transport category	3
Tunnel restriction code	-



## 15. Regulatory information

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

#### Information about limitation of use

Named dangerous substances - ANNEX I None of the ingredients is listed.

- Seveso category E1 Hazardous to the Aquatic Environment
- Qualifying quantity (tonnes) for the application of lower-tier requirements 100 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 200 t
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

### 15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

## 16. Other information

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

H302 Harmful if Swallowed

H400 Very toxic to aquatic life with long lasting effects.

H410 Very toxic to aquatic life.

#### 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.

 Indicates updated section.