

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
- 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

14.1 UN Number	UN3082
14.2 UN proper shipping name	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)
ADR / IATA	
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
14.3 Transport hazard class(es)	9 Miscellaneous dangerous substances and articles.
Class	9
Hazard label	
14.4 Packaging Group	III
14.5 Environmental hazards	
Environmentally Hazardous	Yes
Marine Pollutant	Yes
Special Marking	Symbol (fish and tree)
14.6 Special precautions for user	Miscellaneous dangerous substances and articles.
Danger code (Kemler):	90
EMS Number:	F-A,S-F
Stowage Category	A
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	N/a
Transport / Additional Information	
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.