

Ultimate Wintertime

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

1.1 Product Identifier Ultimate Wintertime

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

Uses: Treatment of Swimming Pool Water

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 phrases 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 pictograms: GHS09: Environmental

Hazard symbols: 

Signal word: Warning

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

Precautionary statements:	P102	Keep out of reach of children
	P280:	Wear protective gloves/protective clothing/eye protection/face protection
	P102	Keep out of reach of children
	P273	Avoid release to the environment
	P501	Dispose of contents / container in accordance with national regulations

Use biocides safely. Always read the label and product information before use

Hazardous components which must be listed on the label Polymeric quaternary ammonium chloride

2.3 Other Hazards No other information is available

3. Composition/information on ingredients**3.2 Mixture**

A mixture of the chemicals listed below with non-hazardous additions

Hazardous ingredients:

Polymeric quaternary ammonium chloride			
EINECS	CAS	CLP Classification	Percent
-	68439-46-3	Aquatic Acute. 1 H400; Aquatic chronic.1 H410	10 - 15%
Nitrilotrimethylenetris (phosphonic acid)			
229-146-5	6419-19-8	Eye Irrit. 2: H320 ; Skin Irrit. 2: H315 ; Met.Corr.1 H290	2%

4. First Aid measures**4.1 Description of first aid measures**

General Advice:	Take off all contaminated clothing immediately.
If Inhaled:	In case of accident by inhalation; remove casualty to fresh air and keep at rest. Get medical attention if discomfort persists
In case of skin contact:	Immediately wash with plenty of water. Remove contaminated clothing and wash before re-use. If swelling, redness, blistering or irritation occurs seek medical advice. Launder clothes before re-use.
In case of eye contact:	Rinse immediately with plenty of water, also under eyelids for at least 15 minutes. Remove contact lenses.
If swallowed:	Rinse mouth thoroughly with water and have patient drink 250ml of water - Do not induce vomiting. If vomiting occurs naturally, rinse mouth and repeat administration of water.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects : No further information available

4.3 Indication of immediate medical attention and special treatment needed

Treatment Treat symptomatically

5. Fire fighting measures**5.1 Extinguishing media:**

Suitable media: Sand, Earth, Carbon Dioxide Powder or Water Spray

5.2 Special hazards arising from the substance or mixture

Specific Hazards : May produce carbon dioxide, carbon monoxide, ammonia, hydrogen chloride and /or oxides of nitrogen and phosphorus.

5.3 Advice for fire-fighters

Protective equipment: In the event of fire, wear self-contained breathing apparatus. Wear appropriate body protection (full protective suit).

Further Information: Do not inhale explosion gases or combustion gases

6. Accidental release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions: Use personal protective equipment. Keep people away from and upwind of spill/leak. Provide adequate ventilation. Avoid contact with skin and eyes. Do not breathe vapours. For personal protection see Section 8.

6.2 Environmental precautions

Environmental precautions: Harmful to aquatic life in low concentrations. Do not allow to enter sewers/ surface or ground water. Inform authorities in case of seepage into watercourse or sewage system. Avoid subsoil penetration

6.3 Methods and materials for containment and cleaning up

Cleaning up: Soak up and shovel into suitable containers for disposal. Dispose of in accordance with local regulations. After clearing flush away traces with water. Do not allow product to enter drains.

Further Information: Treat recovered material as described in the section 'Disposal considerations'

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

Advice on safe handling: Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin and eyes. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity. Do not mix with other products in their concentrated form.

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 breaks and at the end of the work day. Take off all contaminated clothing immediately. Provide adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities.

Storage areas : Prevent any seepage into the ground
Containers: Store in original containers (do not store in metal containers)
Fire and explosion: No special measures required
Further information: Store in cool, dry conditions and out of direct sunlight
Common storage: Store away from oxidisers.

7.3 Specific end uses

Specific use(s) No information available

8. Exposure control/personal protection

8.1 Control parameters

This product does not contain any relevant quantities that have to be monitored in the workplace.

8.2 Exposure controls

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

8. Exposure control/personal protection**8.2 Exposure controls****Personal protective equipment**

Respiratory protection	Where vapours are emitted, respiratory protection must be used.
Hand protection	Wear protective gloves. 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 approved to standard EN 166.
Skin and body protection	Avoid prolonged contact with skin by wearing appropriate clothing.

Environmental exposure controls

General advice:	Do not flush into surface water or sanitary sewer systems
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9. Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Form:	Liquid
Colour:	Colourless to pale yellow
Odour:	Odourless
pH @ 20°C:	Ca 3.0 (Aqueous solution - 1g/100ml).
Boiling point:	101 - 103°C
Flash point:	>100°C (Closed cup)
Specific Gravity @ 20°C:	1.02 g/cm ³
Water solubility:	Completely soluble

9.2 Other Information

No further information available

10. Stability and reactivity**10.1 Reactivity**

Reactivity	No information available
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10.2 Chemical stability

Chemical stability	Stable under normal temperature conditions and use
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10.3 Possibility of hazardous reactions

Hazardous reactions:	No dangerous reactions known
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10.4 Conditions to avoid

Conditions to avoid	Avoid extremes of temperature and moisture.
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10.5 Incompatible materials

Materials to avoid	Strong oxidising agents
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10.6 Hazardous decomposition products

Haz. decomp. products:	Hydrochloric Acid, Nitrogen Oxides, ammonia, oxides of phosphorus, Carbon Oxides (CO + CO ²)
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11. Toxicological Information**11.1 Information on toxicological effects****Acute Toxicity**

Value type	Value	Species
LD50 Oral	>2000 mg/kg	Mouse
LD50 Dermal	>2000 mg/kg	Rat

Primary irritant effect:

on the skin: May be irritating to skin.

on the eye: Slightly irritating to eyes.

Sensitization: No sensitizing effects known.

Chronic toxicity No information available

Carcinogenicity Insufficient evidence available to evaluate product as a Carcinogen.

Mutagenicity Insufficient evidence available to evaluate product as mutagenic.

Other relevant toxicity: May cause irritation to mouth, throat, oesophagus and digestive tract if swallowed

12. Ecological Information**12.1 Toxicity**

Toxicity Dangerous for the environment. Product is toxic to aquatic organisms

12.2 Persistence and degradability

Persistence and degradability Biodegradable. Product will react to produce harmless by-products.

12.3 Bioaccumulative potential

Bioaccumulative potential Bioaccumulation is not expected

12.4 Mobility in soil

Mobility in soil Water soluble. May be absorbed into soil.

12.5 Results of PBT and PvB :

PBT and PvB : No information available

12.6 Other adverse effects

Other adverse effects
In large quantities, this product may effect the functioning of waste-water treatment plants.


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

14. Transport Information

14.1 UN Number	UN3082	
14.2 UN proper shipping name	Environmentally Hazardous Substance, Liquid, N.O.S. (Polymeric quaternary ammonium chloride in aqueous solution)	
14.3 Transport hazard class(es)		
Class	9	
Classification Code	90	
Hazard label	9	
Transport Category	3	
Excepted Quantities	E1	
Limited Quantities	5 Litres	
14.4 Packaging Group	III	
14.5 Environmental hazards		
Environmentally Hazardous		Yes
Marine Pollutant		No
14.6 Special precautions for user		
Note:	No information available	
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code		
Note:	No information available	

15. Regulatory information

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

15.2 Chemical Safety Assessment

Currently we do not have any information from our supplier about this.

16. Other information

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

H290	May be corrosive to metals
H320	Causes eye irritation
H315	Causes skin irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

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.