


**Winterclear**

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

- 1.1 Product Identifier** Winterclear - Copper free algaecide
- 1.2 Relevant Identified uses of the substance or mixture and uses advised against**  
Uses: For the control of algae in 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](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**  
Aquatic Chronic H412  
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 pictograms: GHS09: Environmental
- Hazard symbols: 
- Signal word: Warning
- Hazard statements: H412: Very toxic to aquatic life with longlasting effects
- Precautionary statements: P264: Wash hands thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P273: Avoid release to the environment.  
P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P391: Collect Spillage  
P501: Dispose of contents/container to national regulations.
- 2.3 Other Hazards** No other information is available

Trade Name: Winterclear

### 3. Composition/information on ingredients

#### 3.2 Mixture

##### **METHANAMINE, N-METHYL-, POLYMER WITH 2-(CHLOROMETHYL) OXIRANE**

EINECS	CAS	PBT / WEL	CLP Classification	Percent
270-325-2	25988-97-0	-	Aquatic Chronic 1 H410; Aquatic Acute	50/70%

Contains: Mixture of listed substances with non hazardous additions.

### 4. First Aid measures

#### 4.1 Description of first aid measures

Skin contact:	Wash immediately with plenty of soap and water.
Eye contact:	Check for and remove any contact lenses. Open eyes wide apart. Rinse opened eye with plenty of water for at least 15 minutes.
Ingestion:	Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.
Inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor

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

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

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

Treatment	Treat symptomatically
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### 5. Fire fighting measures

#### 5.1 Extinguishing media:

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

Exposure hazards In combustion emits toxic fumes.

#### 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: Collect contaminated firefighting water separately  
Contaminated firefighting water must not enter the sewage system.

## 6. Accidental release Measures

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

Personal Precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leakside up to prevent the escape of liquid. Mark out the contaminated area with signs. Prevent access to unauthorised personnel

### 6.2 Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

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

Methods and materials: Absorb with liquid binding material (sand, acid/universal binders, sawdust).  
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

Advice on safe handling: Avoid the formation or spread of mists in the air.  
Avoid direct contact with the substance.

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

Storage Requirements : Store in a cool, well ventilated area. Keep container tightly closed.  
The floor of the storage room must be impermeable to prevent the escape of liquids.

### 7.3 Specific end uses

For treatment of algae

## 8. Exposure control/personal protection

### 8.1 Control parameters

Workplace exposure limits: No data available  
DNEL / PNEC: No data available

### 8.2 Exposure controls

Engineering Measures: The storage room floor must be impermeable to prevent liquids escaping.

Respiratory protection: Respiratory protection not required.

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 (EN166). Emergency eyewash stations must be available.

Skin and body protection: Protective work clothing

**Environmental exposure controls** Do not flush into surface water or sanitary sewer systems.

**9. Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

Form: Liquid  
 Colour: Blue  
 Odour: Characteristic  
 pH @ 20°C: 5.5 - 6.5  
 Relative density: 1.16  
 Water solubility: Miscible

**9.2 Other Information** No further information available

**10. Stability and reactivity**

**10.1 Reactivity**

Reactivity No information available

**10.2 Chemical stability**

Chemical stability Stable under normal conditions

**10.3 Possibility of hazardous reactions**

Hazardous reactions: No information available

**10.4 Conditions to avoid**

Conditions to avoid Heat

**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**

Toxicity Values

Route	Species	Test	Value	Units
Oral	Rat	LD50	>5,000	mg/kg

Hazardous ingredients:

METHANAMINE, N-METHYL-, POLYMER WITH 2-(CHLOROMETHYL) OXIRANE

Dermal	Rat	LD50	>2,000	mg/kg
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Relevant hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	ING	Hazardous: calculated

Symptoms / routes of exposure

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

**12. Ecological Information****12.1 Toxicity**

Hazardous ingredients:

METHANAMINE, N-METHYL-, POLYMER WITH 2-(CHLOROMETHYL) OXIRANE

ALGAE	72H	ErC50	0.22 mg/l
Daphnia magna	48H	EC50	0.13 mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H	LC50	0.13 mg/l

**12.2 Persistence and degradability**

Persistence and degradability: No information available

**12.3 Bioaccumulative potential**

Bioaccumulative potential: Bioaccumulation potential.

**12.4 Mobility in soil**

Mobility in soil: Expected to absorb on soil

**12.5 Results of PBT and PvB assessment**

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

**12.6 Other adverse effects**

Toxic to aquatic organisms. Toxic to soil organisms.

**13. Disposal Considerations****13.1 Waste treatment methods**

**Disposal** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

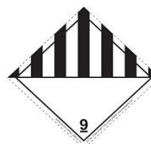
**14. Transport Information**

**14.1 UN Number** UN3082

**14.2 UN proper shipping name** 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(METHANAMINE, N-METHYL-, POLYMER WITH 2-(CHLOROMETHYL))

**14.3 Transport hazard class(es)**

Class 9



**14.4 Packaging Group** III

**14.5 Environmental hazards**

Environmentally hazardous: Yes

Marine Pollutant: Yes

**14.6 Special precautions for user**

**Special precautions:** Warning: Miscellaneous dangerous substances and articles.

**Tunnel code:** E

**Transport category:** 3

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

IMDG: Not applicable

## 15. Regulatory information

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

This Safety Data Sheet is provided in compliance with REACH Regulation (EC) No 1907/2006

### 15.2 Chemical Safety Assessment

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

## 16. Other information

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

H400 Very toxic to aquatic life

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.

### Further information

Restricted to professional users. Attention - Avoid exposure- obtain special instructions before use

█ Indicates updated section.