

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

### 1.1 Product Identifier

Trade Name: Aquablanc O2 Gentle System :Sachet B - 50ml

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

Uses: Treatment of Swimming Pool Water

Restrictions: At this time we do not have information on use restrictions

### 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) 1242 300271 (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 Category	Target Organs	Hazard Statements
Aquatic Acute	1		H400
Aquatic Chronic			H410

For the full text of the H statements mentioned in this section see Section 16.

#### Classification according to EU Directives 67/548/EEC or 1999/45/EC

#### Hazard Symbol/Category of danger Risk phrases

N; Dangerous for the environment R50/53

For the full text of the R 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 symbols:



Signal word: Warning

Hazard statements:

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements:

Prevention P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.  
P273 Avoid release to the environment

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## 2. Hazard Identification

### Precautionary statements:

Prevention P391 Collect spillage  
P501 Dispose of contents/container in accordance with local regulations

Response P301+330 + P310 IF SWALLOWED: rinse mouth. Immediately call a poison centre  
P305+351+338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

### Additional Labelling:

#### Hazardous components which must be listed on the label

(N,Ndimethyl-2-hydroxyammonium chloride (polymer))

### 2.3 Other Hazards

Results of PBT and vPvB assessment not applicable

## 3. Composition/information on ingredients

### 3.1 Mixture

Chemical nature: Mixture of substances listed below with non - hazardous additions.

#### Chemical Name

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

## 4. First Aid measures

### 4.1 Description of first aid measures

General Advice: Take of all contaminated clothing immediately

If Inhaled: In case of accident by inhalation; remove casualty to fresh air and keep at rest. If breathing is irregular or stopped, administer artificial respiration. Call a doctor immediately.

In case of skin contact: Wash off immediately with plenty of soap & water. Seek medical advice

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

If swallowed: Clean mouth with water and drink plenty of water. Never give anything by mouth to an unconscious person. Call for a doctor immediately

Further Information: Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

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

Symptoms: No further information

Effects: No further information

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

Treatment No information available

## 5. Fire fighting measures

### 5.1 Extinguishing media:

Suitable extinguishing media: Water spray : Foam : Fire - extinguishing Powder: Carbon dioxide

Unsuitable extinguishing media: Water with full jet

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

Specific Hazards during fire fighting: Fire may cause evolution of  
Carbon monoxide (CO)  
Nitrogen oxides (NOx)

### 5.3 Advice for fire-fighters

Special protective equipment: Fire-fighters should wear full protective clothing and self-contained breathing apparatus (SCBA).  
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.  
Wear protective equipment. Keep unprotected persons away.

### 6.2 Environmental precautions

Environmental precautions: Do not allow product to reach sewage system or any water course.  
Dilute with plenty of water.  
Inform respective authorities in case of seepage into water course or sewage system.

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

Methods and materials for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Further Information: Treat recovered material as described in section 13.

### 6.4 Reference to other sections

See Section 1 for emergency contact information  
See Section 8 for information on Personal protective equipment  
See section 13 for waste treatment information

## 7. Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling: Keep receptacle tightly closed. Keep away from heat and direct sunlight.

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. Avoid contact with the skin and eyes.

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## 7. Handling and storage

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

Requirements for storage                      Store only in the original receptacle.  
Prevent any seepage into the ground.

Advice on protection against fire and      No further information available

Further information:                              Protect from frost.  
Protect from heat and direct sunlight.  
Keep container tightly sealed.

Advice on common storage:                      Store away from flammable substances

Storage Temperature:                              No further information available

Storage class    12

### 7.3 Specific end uses

Specific use(s)    No information available

## 8. Exposure control/personal protection

8.1 Control parameters                              No value assigned for this product

### 8.2 Exposure controls

#### Engineering measures

Refer to protective measures listed in sections 7 and 8

#### Personal protective equipment

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. Avoid contact with the skin and eyes.

Respiratory protection      Advice: Not required

Hand protection      Advice: Gloves  
Material Rubber  
Unsuitable: Leather

Eye protection      Advice: Tightly fitting safety goggles

Skin and body protection  
Advice: Light weight protective clothing

#### Environmental exposure controls

General advice:                      Do not flush into surface water or sanitary sewer systems  
Avoid subsoil penetration  
If the product contaminates rivers and lakes or drains inform respective authorities.

**9. Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Form:	Liquid
Colour:	Green
Odour:	Characteristic
Odour Threshold:	Not determined
pH @ 20°C:	6.4 - 7.8
Melting point:	ca. 0°C
Boiling point:	100°C
Flash point:	not applicable
Evaporation rate:	Currently we do not have any information from our supplier about this.
Flammability (solid, gas)	Not determined
Self igniting:	Product is not self igniting.
Upper explosion limit:	Not determined
Lower explosion limit:	Not determined
Vapour pressure:	Not applicable
Density @ 20°C:	1.12 g/cm <sup>3</sup>
Vapour Pressure @ 20°C:	23 hPa
Water solubility:	Fully miscible
Partition coefficient:n-octanol/water:	-3,13
Ignition temperature:	100°C
Thermal decomposition:	Currently we do not have any information from our supplier about this.
Viscosity:	
Kinematic:	Not applicable
Dynamic	Not applicable
Explosive properties:	Product does not present an explosion hazard
Solvent content:	
Organic solvents:	0.00%
VOC (EC)	0.00%

**9.2 Other Information** No further relevant information available

**10. Stability and reactivity****10.1 Reactivity**

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

**10.2 Chemical stability**

Advice: 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**

Hazardous decomposition products: No dangerous decomposition products known.

**11. Toxicological Information****11.1 Information on toxicological effects****LD/LC50 values relevant for classification:****Acute Toxicity**

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

Oral	LD50	1,672 mg/kg	rat
Dermal	LD50	> 2000 mg/kg	rabbit

**Primary irritant effect:****on the skin:** No irritant effect**on the eye:** No irritant effect**Sensitization:** No sensitizing effects known.**Chronic toxicity** Currently we do not have any information from our supplier about this.**Carcinogenicity** Currently we do not have any information from our supplier about this.**Mutagenicity** Currently we do not have any information from our supplier about this.**12. Ecological Information****12.1 Toxicity****Aquatic Toxicity:**

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

EC50 0.14 mg/l (daphnia)

LC50 0.077 mg/l (Oncorhynchus mykiss (Regenbogenforelle))

25988-97-0 60% Polymer of N-Methylmethanamine (EINECS 204-697-4 with (chloromethyl)-oxirane (EINECS

EC50 0.09 (Selenastrum capricornutum (Grünalge))

Remark very toxic to fish

**12.2 Persistence and degradability**

Persistence No further relevant information available.

Degradability Easily biodegradable

**12.3 Bioaccumulative potential** Currently we do not have any information from our supplier about this.**12.4 Mobility in soil** No further relevant information available.**12.5 Results of PBT and PvB**

PBT not applicable

vPvB not applicable

**Notes:** Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralized.

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

**12.6 Other adverse effects** No further relevant information available.

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

Product:	Disposal together with normal waste is not allowed. Special disposal required according to local regulations. Do not let product enter drains. Contact waste disposal services.
Contaminated packaging:	Empty contaminated packaging thoroughly. They can be recycled after thorough and proper cleaning. Packaging that cannot be cleaned is to be disposed of in the same manner as the product.
European Waste Catalogue No:	No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

**14. Transport Information**

<b>14.1 UN Number</b>	UN3082
<b>14.2 UN proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (N,Ndimethyl-2-hydroxyammonium chloride (polymer)) MARINE POLLUTANT
<b>14.3 Transport hazard class(es)</b>	9 Miscellaneous dangerous substances and articles.
Class	80
Hazard label	E1
Excepted quantities	3
Transport Category	Fish and Tree
Special marking	E
Tunnel Code	5 litres
LQ	F-A,S-F
EMS No	
<b>14.4 Packaging Group</b>	III
<b>14.5 Environmental hazards</b>	
Environmentally Hazardous	Yes
Marine Pollutant	Yes
<b>14.6 Special precautions for user</b>	No further information available
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	No further information available

**15. Regulatory information**

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

**15.2 Chemical Safety Assessment**

A Chemical Safety Assessment has not been carried out.

**16. Other information**

Full text of R-phrases referred to under sections 2 and 3

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

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

H302 Harmful if swallowed

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.

• **Abbreviations and acronyms:**

ADR: Accord europeen sur le transport des marchandises dangereuse par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Reglement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR Dangerous goods Regulations by the 'International Air Transport Association' (IATA)

ICAO: International Civil Aviation Organization

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS European Inventory of Existing Commercial Chemical Substances.

CAS: Chemicals Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Revision	Date	By	Amendment
1	25/03/13	Linda Brueford	Created