

## SAFETY DATA SHEET

**1. Identification of the substance/preparation and of the company/undertaking****1.1 Product Identifier**

Trade Name: Aquablanc Active Oxygen Liquid

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

Uses: For disinfection of pool and spa 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) 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**

Oxidising.2

Eye Damage.1

Acute Tox.4

**Hazard Statements**

H272

H318

H302

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 &amp; 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: GHS03: Oxidising  
 GHS05: Corrosion  
 GHS07: Warning

Hazard symbols:



Signal word: Danger

Hazard statements: H272 May Intensify fire; oxidiser  
 H318 Causes serious eye damage  
 H302 Harmful if swallowed

**2.2 Label elements**

Labelling according to Regulation (EC) No 1272/2008

Precautionary statements: P221: Take any precaution to avoid mixing with combustibles  
 P210: Keep away from heat/sparks/open flame - No smoking.  
 P220: Keep/Store away from combustible materials

[Cont...]

**Trade Name:** Aquablanc Active Oxygen Liquid

## 2. Hazard Identification

### 2.2 Label elements

#### Labelling according to Regulation (EC) No 1272/2008

P305+351+338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
P310 Immediately call a POISON CENTRE or doctor/physician  
P501 Dispose of contents / container in accordance with regulations

**Hazardous components which must be listed on the label** hydrogen peroxide solution

**2.3 Other Hazards** No other information is available

## 3. Composition/information on ingredients

### 3.1 Substances

Chemical nature: Liquid

#### hydrogen peroxide solution

| Index        | CAS No    | EC No     | %       | CLP Phrases  |
|--------------|-----------|-----------|---------|--|
| 008-003-00-9 | 7722-84-1 | 231-765-0 | 25 - 50 | Ox.Liq.1 H271; Acute Tox.4 H302; Skin Corr.1A H314; Acute Tox.4 H332 |

## 4. First Aid measures

### 4.1 Description of first aid measures

General Advice: Symptoms of poisoning may occur even after several hours; therefore medical observation is required for at least 48 hours after the accident.

If Inhaled: In case of accident by inhalation; remove casualty to fresh air . Call a doctor immediately.

In case of skin contact: Wash off immediately with plenty of soap & water. If irritation appears 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.

If swallowed: Clean mouth with water and drink plenty of water. Never give anything by mouth to an unconscious person. If swallowed , do not induce vomiting - seek medical advice. If a person vomits when lying on his back place him in the recovery position.

### 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: CO2, powder or water spray. Fight larger fires with water spray.  
Unsuitable media: No information available

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

Specific Hazards in fire: No information available

[Cont....]

## 5. Fire fighting measures

### 5.3 Advice for fire-fighters

|                       |   |
|-----------------------|---|
| Protective equipment: | In the event of fire, wear self-contained breathing apparatus.<br>Wear appropriate body protection (full protective suit).  |
| Further Information:  | Cool endangered receptacles with water spray<br>Collect contaminated firefighting water separately<br>Contaminated firefighting water must not enter the sewage system. |

## 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. Provide adequate ventilation. Avoid contact with skin and eyes. Keep away from ignition source. |
|-----------------------|---|

### 6.2 Environmental precautions

|                            |   |
|----------------------------|---|
| Environmental precautions: | Do not flush allow to enter into surface water or sanitary sewer system. Prevent from spreading (e.g. by damming-in or oil barriers). |
|----------------------------|---|

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

|                      |   |
|----------------------|---|
| Cleaning up:         | Absorb with liquid binding material (sand, acid binders, 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: | Use personal protective equipment. Avoid contact with skin and eyes. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity.<br>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. Avoid contact with the skin and eyes. |

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

|                      |   |
|----------------------|---|
| Storage areas:       | Jointless, smooth walls and floors. Acid resistant floor                                    |
| Fire and explosion:  | No special measures required  |
| Further information: | Store in cool, dry conditions in well sealed receptacles                                    |
| Common storage:      | Store away from flammable substances and reducing agents. Do not store together with acids. |
| Storage Temperature: | Keep away from heat and direct sunlight   |

### 7.3 Specific end uses

|                 |  |
|-----------------|--|
| Specific use(s) | For disinfection of pool and spa water |
|-----------------|--|

**8. Exposure control/personal protection****8.1 Control parameters**

hydrogen peroxide solution 7722-84-1

| Regulatory List | Value type | Value                |       | Comment                          |
|-----------------|------------|----------------------|-------|----------------------------------|
| *EH40 WEL       | STEL       | 2 mg/m <sup>3</sup>  | 2 ppm | Short Term Exposure Limit (STEL) |
|                 | LTV        | 1.4mg/m <sup>3</sup> | 1 ppm | Long Term Value (LTV)            |

\*UK. EH40 Workplace Exposure Limits (WELS)

**8.2 Exposure controls****Engineering measures**

Refer to protective measures listed in sections 7 and 8

**Personal protective equipment**

Respiratory protection Use suitable respiratory protective device only when aerosol or mist is formed or when high concentrations are present. Filter P2

Hand protection Gloves  
Material of gloves Natural Rubber

Eye protection Tightly sealed goggles. Emergency eye wash stations must be available.

Skin and body protection Protective work clothing

**Environmental exposure controls**

General advice: 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: Fluid  
 Colour: Colourless  
 Odour: Characteristic

pH @ 20°C: <3.5  
 Melting Point: -33°C  
 Boiling point: 100°C  
 Flash point: Not applicable  
 Water solubility: 217 g/l @ 27°C  
 Thermal decomposition: 180°C  
 Explosive properties: Product does not present an explosion hazard  
 Oxidising properties: Oxidising

**9.2 Other Information**

No further information available

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

Reactivity No data available

**10.2 Chemical stability**

Chemical stability No data available

**10.3 Possibility of hazardous reactions**

Hazardous reactions: Hydrogen and Oxygen

**10.4 Conditions to avoid**

Conditions to avoid Exothermic thermal decomposition.

**10.5 Incompatible materials**

Materials to avoid Reducing Agents; Alkalis; combustible materials; Acids and Strong oxidising agents

**10.6 Hazardous decomposition products**

Haz.decomp. products: No data available

## 11. Toxicological Information

### 11.1 Information on toxicological effects

**Acute toxicity** Product is not toxic

**Primary Irritant effect:**

On the skin: No irritant effect

On the eyes: Strong irritant with the danger of severe eye injury

**Sensitization:** No sensitizing effects known

**Carcinogenic** There is no evidence that this substance has any carcinogenic properties.  
**Mutagenic** There is no evidence that this substance is mutagenic

**Additional toxicological information:**

Other relevant toxicity: Avoid repeated exposure

## 12. Ecological Information

### 12.1 Toxicity

Toxicity No data available

### 12.2 Persistence and degradability

Persistence and degradability No data available

### 12.3 Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation is not expected

### 12.4 Mobility in soil

Mobility: Expected to absorb on soil

### 12.5 Results of PBT and PvB assessment

PBT identification: No data available

### 12.6 Other adverse effects

Other adverse effects: Danger to drinking water if even small quantities leak into the ground.  
Do not allow product to reach ground water, water bodies or sewage system even in small quantities.

## 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**

|  |                                     |
|--|-------------------------------------|
| <b>14.1 UN Number</b>  | UN2014                              |
| <b>14.2 UN proper shipping name</b>  | HYDROGEN PEROXIDE, AQUEOUS SOLUTION |
| <b>14.3 Transport hazard class(es)</b>   |                                     |
| Class  | 5.1                                 |
| Classification   | OC1                                 |
| Hazard label   | 5.1 + 8                             |
| Transport Category   | 2                                   |
| Tunnel Code  | E                                   |
| LQ   | 1 Litre                             |
| <b>14.4 Packaging Group</b>  | II                                  |
| <b>14.5 Environmental hazards</b>  |                                     |
| Classified as environmentally hazardous:   | Yes                                 |
| <b>14.6 Special precautions for user</b>   |                                     |
| Note:  | Not applicable                      |
| <b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b> |                                     |
| IMDG:  | Not applicable                      |

**15. Regulatory information**

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

**15.2 Chemical Safety Assessment**

No data available

**16. Other information**

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

|      |                              |
|------|------------------------------|
| H272 | May Intensify fire; oxidiser |
| H318 | Causes serious eye damage    |
| H302 | Harmful if swallowed         |

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**Rev 4**

Indicates updated section