

Reviewed on 12.02.07  
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Material Safety Data Sheet  
According to 91/155 EEC

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

- **Trade Name:** Aquablanc Liquid Shock
- **Other names**
- **Intended use of chemical** For disinfection of pool and spa water
- **Manufacturer/Supplier** Complete Pool Controls Ltd, Unit 2, The Park, Stoke Orchard, Bishops Cleeve, Gloucestershire, GL52 7RS.  
Tel: +44 (0) 8712 229081  
Fax: +44 (0) 8712 229083

### 2. Hazard Identification

- **Hazard description**



Harmful

- **Hazard information concerning particular hazards for human and the environment**

The product has to be labelled due to the calculation procedure of the 'General Classification guideline for preparations of the EU' in the latest version.

- |        |  |
|--------|--|
| R22    | Harmful if swallowed.                      |
| R37/38 | Irritating to respiratory system and skin. |
| R41    | Risk of serious damage to eyes             |

### 2. Composition/information on ingredients

- **Chemical characterization:**
- **CAS No. Description** 7722 - 84 - 1 hydrogen peroxide solution
- **EINECS Number:** 231 - 765 - 0
- **EU Number:**

### 4. First Aid measures

- **After inhalation:** Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid, or complete, seek medical attention.
- **After skin contact:** Wash thoroughly with plenty of water. Remove contaminated clothing and wash before reuse. If large area of skin is damaged or if irritation persists seek medical attention.
- **After eye contact:** Flush immediately with water for at least 15 minutes. Seek medical attention.
- **After Ingestion:** Call for doctor immediately

<b>Trade Name:</b>	<b>Aquablanc Liquid Shock</b>
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#### 5. Fire fighting measures

- **Special extinguishing media:** Water, CO<sub>2</sub> dry chemical powder, or appropriate foam.
- **Special exposure hazards in fire:** Not known
- **Special protective equipment:** No special measures required.

#### 6. Accidental release Measures

- **Personal Protection** Not required
- **Environmental Protection** Dilute with plenty of water. Do not allow to enter sewers/surface or ground water
- **Methods for cleaning:** Absorb with liquid binding mater (sand, acid binders, universal binders, sawdust). Dispose of contaminated materuial as wasste according to item 13. Ensure adequate ventilation.

#### 7. Handling and storage

- **Personal Protection** Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.
- **Storage** Keep container tightly sealed  
Store in cool dry conditions

#### 8. Exposure control/personal protection

- **Exposure control limits and source:**

	Short Term Value		Long Term Value	
7722-84-1 hydrogen peroxide sol	2.8mg/m <sup>3</sup>	2ppm	1.4mg/m <sup>3</sup>	1ppm

- **Hand Protection** Wear suitable chemical resistant gloves when handling this product. Disposable nitrile gloves are suitable providing regular changes of gloves are made.
- **Eye Protection** Wear Tightly sealed goggles
- **Skin Protection** Avoid prolonged contact with skin by wearing appropriate clothing.

**Trade Name:** Aquablanc Liquid Shock**9. Physical and chemical properties**

- |                             |                        |
|-----------------------------|------------------------|
| • Appearance at 20oC        | Colourless Fluid       |
| • Odour                     | Characteristic         |
| • Specific gravity at 20oC  | 1.16 g/cm <sup>3</sup> |
| • pH (conc)                 | 6.0 - 7.0              |
| • Boiling Point             | 100°C                  |
| • SpVapour pressure at 20oC | 23 hPa                 |
| • Flash Point               | NA                     |
| • Solubility in water       | Fully miscible         |

**10. Stability and reactivity**

- |                                    |   |
|------------------------------------|---|
| • Conditions to avoid              | No decomposition if used according to specifications. |
| • Materials to avoid               | Acids, bases, metals, metal oxides.                   |
| • Hazardous decomposition products | Oxygen  |

**11. Toxicological Information**

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|------------------|--|
| • Acute Toxicity |  |
| • Skin           | Irritant to skin and mucous membranes                |
| • Eyes           | Strong irritant with the danger of severe eye injury |
| • Sensitization  | No sensitisation effect known                        |

**12. Ecological Information**

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|-----------------|--|
| • General Notes | Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow product to reach ground water, water bodies or sewage system. |
|-----------------|--|

<b>Trade Name:</b>	<b>Aquablanc liquid Shock</b>
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### 13. Disposal Considerations

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|--------------------|---|
| • <b>Substance</b> | Disposal should be in accordance with all official regulations and carried out via an approved disposal contractor. If material is dry, incineration is recommended |
| • <b>Container</b> | As substance  |

### 14. Transport Information

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|-------------------------------|--|
| • <b>U N No</b>               | 2014                                     |
| • <b>Proper shipping name</b> | 2014 HYDROGEN PEROXIDE, AQUEOUS SOLUTION |
| • <b>Danger Code (Kemler)</b> | 58                                       |
| • <b>Packing group</b>        | II                                       |
| • <b>Hazard Label</b>         | 5.1 + 8                                  |
| • <b>Pollutant</b>            | Yes                                      |

### 15. Regulatory information

- |                                |                        |   |
|--------------------------------|------------------------|---|
| • <b>Product Name</b>          | Aquablanc Liquid Shock |   |
| • <b>Symbol</b>                | Xn                     |   |
| • <b>Indications of danger</b> | Harmful                |   |
| • <b>Risk phrases</b>          | R22                    | Harmful if swallowed.   |
|                                | R37/38                 | Irritating to respiratory system and skin.  |
|                                | R41                    | Risk of serious damage to eyes  |
| • <b>Safety phrases</b>        | S1/2                   | Keep locked up and out of reach of children   |
|                                | S26                    | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice              |
|                                | S37/39                 | Wear suitable gloves and eye/face protection.   |
|                                | S45                    | In case of accident or if you feel unwell seek medical advice immediately (show the label where possible) |
|                                | S60                    | This material and/or its container must be disposed of as hazardous waste                                 |

### 16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.