

SAFETY DATA SHEET

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

**1.1 Product Identifier**

Trade Name: Aquablanc O<sup>2</sup> Oxygen Tablets  
 Substance name: pentapotassium bis(peroxymonosulphate)bis(sulphate)

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

Uses: Disinfection of 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	Hazard Category	Target Organs	Hazard Statements
Skin Corrosion	Category 1A		H314
Acute Tox	Category 4		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 & 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: Danger

Hazard statements: H314 Causes severe skin burns and eye damage  
 H302 Harmful if swallowed.

Precautionary statements: P260: Do not breathe dust/fume/gas/mist/vapours/spray  
 P280: Wear protective gloves/protective clothing/eye protection/face protection  
 P301+P361+P353: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
 P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water  
 P305+351+338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
 P308+310: If exposed or concerned: Immediately call a POISON CENTRE or doctor/physician  
 Use biocides safely. Always read the label and product information before use

**Additional Labelling:**

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

pentapotassium bis(peroxymonosulphate)bis(sulphate)

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## 2. Hazard Identification

### 2.3 Other Hazards

No other information is available

## 3. Composition/information on ingredients

### 3.1 Substances

Chemical nature: Solid

pentapotassium bis(peroxymonosulphate)bis(sulphate)

CAS No:	EC No:	Index No:	%	CLP Classification
70693-62-8	274-778-7	-	>=5 -<=50	H314; H302

## 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. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately

In case of skin contact: Wash off immediately with plenty of soap & water. Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.

In case of eye contact: Rinse immediately with plenty of water, also under eyelids for at least 15 minutes. Remove contact lenses. Consult an eye specialist immediately. Go to an ophthalmic hospital if possible.

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: See section 11 for more detailed information on health effects and symptoms

Effects: See section 11 for more detailed information on health effects and symptoms

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

Treatment: Treat symptomatically  
No further information available

## 5. Fire fighting measures

### 5.1 Extinguishing media:

Suitable media: Use extinguishing measures appropriate to local circumstances and the surrounding environment.

Unsuitable media: No information available

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

Specific Hazards: In case of fire, the following can be released: Sulphur dioxide (SO<sub>2</sub>)

### 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 fire extinguishing water separately. This must not be discharged into drains.

**6. Accidental release Measures**

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

Personal Precautions: Use personal protective equipment. Keep unprotected people away from of spill . Avoid contact with skin and eyes. Do not breathe vapours or spray mist.

**6.2 Environmental precautions**

Environmental precautions: Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration  
If the product contaminates rivers and lakes or drains - inform respective authorities.  
If material reaches soil inform authorities responsible for such cases.

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

Cleaning up: Use neutralizing agent. Keep in suitable closed containers for disposal.

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

**6.4 Reference to other sections**

See Section 1 for emergency contact information  
See Section 8 for personal protective information  
See Section 13 for waste treatment information

**7. Handling and storage**

**7.1 Precautions for safe handling**

Advice on safe handling: Keep container tightly closed. Use personal protective equipment. Provide sufficient air exchange and/or exhaust in work rooms. Avoid formation of aerosol. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. emergency eye wash fountains and emergency showers should be available in the immediate vicinity.

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 : Store only in original receptacles  
Fire and explosion: No special measures required  
Common storage: Store away from flammable substances  
German storage class: No information available  
Storage Temperature: No information available

**7.3 Specific end uses**

Specific use(s) No information available

**Further Information** Protect from humidity and water

**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**

Respiratory protection Respiratory protective device required when high concentrations are present.  
Short Term Filter Device

Hand protection Chemical-resistant gloves (EN 374)  
Leather and Strong material gloves are NOT suitable

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## 8. Exposure control/personal protection

### 8.2 Exposure controls

#### Engineering measures

Eye protection Tightly fitted safety goggles approved to standard EN 166.

Skin and body protection Impervious 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.  
If the product reaches soil inform respective authorities.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form: Tablets  
Colour: Colourless  
Odour: Characteristic  
Odour Threshold: Currently we do not have any information from our supplier about this.

pH @ 20°C: 2.3  
Melting Point: Undetermined  
Boiling point/boiling range: Undetermined  
Flash point: Not applicable  
Flammability (solid, gas): Product is not flammable  
Density @ 20°C: Not determined  
Water solubility: Soluble

#### Other Information

Specific gravity at 20°C: No information available

## 10. Stability and reactivity

### 10.1 Reactivity

Reactivity: No information available

### 10.2 Chemical stability

Chemical stability: No decomposition if stored and applied as directed

### 10.3 Possibility of hazardous reactions

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

### 10.4 Conditions to avoid

Conditions to avoid: Reacts with humid air

### 10.5 Incompatible materials

Materials to avoid: No information available

### 10.6 Hazardous decomposition products

Haz. Decomp. products: S (Sox)ulphur oxides

## 11. Toxicological Information

### 11.1 Information on toxicological effects

#### Acute toxicity

#### Primary irritant effect:

**on the skin:** Strong caustic effect on skin and mucous membranes

**on the eye:** Strong caustic effect

**Sensitization:** No sensitizing effects known

**Carcinogenic** No further information available

**Mutagenic** No further information available

**Further Information:** Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of oesophagus and stomach.

## 12. Ecological Information

### 12.1 Toxicity

Water Hazard Class 1 (German regulation)(self assessment): Slightly hazardous for water

### 12.2 Persistence and degradability

Persistence and degradability No data available

### 12.3 Bioaccumulative potential

Bioaccumulative potential No data available

### 12.4 Mobility in soil

Mobility in soil No data available

### 12.5 Results of PBT and PvB :

PBT and PvB : No data available

### 12.6 Other adverse effects

Further information: Must not reach sewage water or drainage ditch undiluted or unneutralized.  
Do not allow undiluted or large quantities of product to reach ground water, water course or sewage system.

## 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

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#### 14. Transport Information

<b>14.1 UN Number</b>	3260
<b>14.2 UN proper shipping name</b>	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (pentapotassiumbis(peroxymonosulphate)bis(sulphate))
<b>14.3 Transport hazard class(es)</b>	
Class	8
Classification Code	C2
Hazard label	80
Transport Category	2
Tunnel Code	E
<b>14.4 Packaging Group</b>	II
<b>14.5 Environmental hazards</b>	
Environmentally Hazardous	No
Marine Pollutant	No
<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**  
No information available

#### 16. Other information

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

H314	Causes severe skin burns and eye damage
H302	Harmful if swallowed.

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 européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the  
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations  
IMDG: International Maritime Code for Dangerous Goods  
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

REV 4

Indicates updated section.