

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

1.1 Product Identifier

Trade Name: Aquablanc O² Oxygen Tablets
Substance name: pentapotassium bis(peroxymonosulphate)bis(sulphate)

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

Uses: At this time we do not have information on identified uses.
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

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.

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

Hazard Symbol/Category of danger	Risk phrases
Corrosive (C)	R35

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: Danger

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

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Trade Name: Aquablanc O² Oxygen Tablets

2. Hazard Identification

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)

2.3 Other Hazards

No other information is available

3. Composition/information on ingredients

3.1 Substances

Chemical nature: Liquid

Chemical Name	Identification Numbers	Amount %
pentapotassium bis(peroxymonosulphate)bis(sulphate)	Cas No: 70693-62-€ EC No: 274-778-7	>=5 - <=50

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 extinguishing media: Use extinguishing measures that are appropriate to local circumstances and
Unsuitable extinguishing media: No information available

5.2 Special hazards arising from the substance or mixture

Specific Hazards during fire: In case of fire, the following can be released:
Sulphur dioxide (SO₂)

5.3 Advice for fire-fighters

Special 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

Methods and materials for containment and 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.

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7. Handling and storage

7.1 Precautions for safe handling

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.

Requirements for storage areas and containers: Store only in original receptacles

Advice on protection against fire and explosion: No special measures required

Advice on 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 Advice: Respiratory protective device required when high concentrations are present.
Short Term Filter Device

Hand protection Advice: Protective Gloves
Material: Leather and Strong material gloves are NOT suitable

Eye protection Advice: Tightly fitted safety goggles

Skin and body protection Advice: 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
Solidification point	Currently we do not have any information from our supplier about this.
Melting Point	Undetermined
Boiling point/boiling range:	Undetermined
Flash point:	Not applicable
Evaporation rate:	Currently we do not have any information from our supplier about this.
Flammability (solid, gas)	Product is not flammable
Upper explosion limit:	Currently we do not have any information from our supplier about this.
Lower explosion limit:	Currently we do not have any information from our supplier about this.
Vapour pressure:	Currently we do not have any information from our supplier about this.
Relative vapour density:	Currently we do not have any information from our supplier about this.
Density @ 20°C:	Not determined
Water solubility:	Soluble
Partition coefficient:n-octanol/water:	Currently we do not have any information from our supplier about this.
Ignition temperature:	Currently we do not have any information from our supplier about this.
Thermal decomposition:	Currently we do not have any information from our supplier about this.
Viscosity, kinematic:	Currently we do not have any information from our supplier about this.
Explosive properties:	Product does not present an explosion hazard
Oxidising properties:	Currently we do not have any information from our supplier about this.
Other Information	
Specific gravity at 20°C:	Currently we do not have any information from our supplier about this.

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

10.6 Hazardous decomposition products

Hazardous decomposition products: S (Sox)ulphur oxides

Trade Name: Aquablanc O² Oxygen Tablets

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

Remarks: No information available

12.3 Bioaccumulative potential

Remarks: No information available

12.4 Mobility in soil

Remarks: No information available

12.5 Results of PBT and PvB assessment

Remarks: No information available

12.6 Other adverse effects No information available

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

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's thoroughly. They can be recycled after thorough and proper cleaning. Packagings that cannot be cleaned are 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.

Trade Name: Aquablanc O² Oxygen Tablets

14. Transport Information

14.1 UN Number	3260
14.2 UN proper shipping name	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (pentapotassiumbis(peroxymonosulphate)bis(sulphate),
14.3 Transport hazard class(es)	
Class	8
Classification Code	C2
Hazard label	80
Transport Category	2
Tunnel Code	E
14.4 Packaging Group	II
14.5 Environmental hazards	
Environmentally Hazardous	No
Marine Pollutant	No
14.6 Special precautions for user	No further information available
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	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

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

16. Other information

Full text of R-phrases referred to under sections 2 and 3
R35 Causes severe burns

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.

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16. Other information

• Abbreviations and acronyms:

ADR: Accord europeen sur le transport des marchandises dangereuse par Route (European Agreement concerning the
RID: Reglement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations
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 Americal Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

Revision	Date	By	Amendment
1	14/06/2009	Linda Brueford	Sections 2 & 3 swapped round to comply with REACH and other minor editorial
2	12/11/2010	Linda Brueford	GHS label elements added and other minor editorial amendments
3	10/02/2012	Linda Brueford	Updated to meet current legislation and other minor editorial amendments