

Printing date 27.01.2025

Version number 5 (replaces version 4)

Revision: 27.01.2025

SECTION 1: Identification of the substance/mixture and of the company/undertaking

· 1.1 Product identifier

- · Trade name: Oxygen Tablets
- · Registration number Mixture
- · 1.2 Relevant identified uses of the substance or mixture and uses advised against
- **Product category** PC8 Biocidal products
- PC37 Water treatment chemicals
- Application of the substance / the mixture Water treatment Disinfectant
- · Uses advised against Any use not specified above.
- \cdot 1.3 Details of the supplier of the safety data sheet
- Supplier: Complete Pool Controls Ltd Unit 2, The Park Stoke Orchard

Bishops Cleeve Gloucestershire GL52 7RS UK

Tel: +44 (0)1242 662700 (office hours) email: sales@cpc-chemicals.co.uk

- · Further information obtainable from: Product safety department.
- · 1.4 Emergency telephone number:

OHES Environmental

Tel: 01242 300271 Members of the public seeking specific information on poisons should contact: In England and Wales: NHS 111 - dial 111 In Scotland: NHS 24 - dial 111

SECTION 2: Hazards identification

\cdot 2.1 Classification of the substance or mixture

· Classification according to GB-CLP

Acute Tox. 4 H302 Harmful if swallowed.

Skin Corr. 1B H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

· 2.2 Label elements

· Labelling according to GB-CLP The product is classified and labelled according to the GB CLP regulation.

(Contd. on page 2)

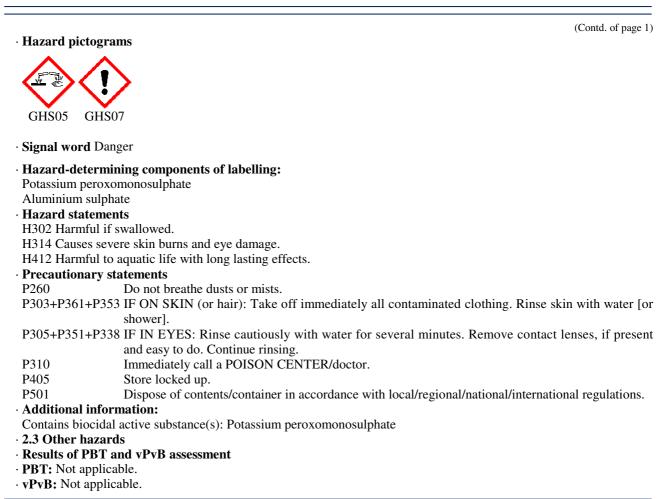


Printing date 27.01.2025

Version number 5 (replaces version 4)

Revision: 27.01.2025

Trade name: Oxygen Tablets



SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· Description: Mixture of substances listed below with nonhazardous additions.

 • Dangerous components:
 CAS: 70693-62-8
 Potassium peroxomonosulphate
 50 – 100%

 EINECS: 274-778-7
 ♦ Skin Corr. 1B, H314; ♦ Acute Tox. 4, H302; Aquatic Chronic
 50 – 100%

 Reg.nr.: 01-2119485567-22-XXXX
 Attribute
 2.5 – < 3%</td>

 EINECS: 233-135-0
 ♦ Met. Corr. 1, H290; Eye Dam. 1, H318
 2.5 – < 3%</td>

 • Additional information: For the wording of the listed hazard phrases refer to section 16.
 50 – 100%

(Contd. on page 3)

GB



Printing date 27.01.2025

Version number 5 (replaces version 4)

Trade name: Oxygen Tablets

SECTION 4: First aid measures

· 4.1 Description of first aid measures · General information: Immediately remove any clothing soiled by the product. Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident. · After inhalation: Supply fresh air; consult doctor in case of complaints. In case of unconsciousness place patient stably in side position for transportation. · After skin contact: Immediately wash with water and soap and rinse thoroughly. Seek immediate medical advice. • After eye contact: Check for and remove any contact lenses. Rinse opened eye for several minutes under running water. Then consult a doctor. · After swallowing: Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. · Information for doctor: Refer to section 11. Treat symptomatically and supportively. • 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available. · 4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

\cdot Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray.

Use fire extinguishing methods suitable to surrounding conditions.

- For safety reasons unsuitable extinguishing agents: Water with full jet
- \cdot 5.2 Special hazards arising from the substance or mixture
- Corrosive. In case of fire, the following can be released: Sulphur Oxides (SOx)
- 5.3 Advice for firefighters
- · Protective equipment:

Wear self-contained respiratory protective device.

- Wear fully protective suit.
- · Additional information

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

(Contd. on page 4)

- GB -

(Contd. of page 2)

Revision: 27.01.2025



Printing date 27.01.2025

Version number 5 (replaces version 4)

Trade name: Oxygen Tablets

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation Avoid formation of dust. Wear protective equipment. Keep unprotected persons away. · 6.2 Environmental precautions: Do not allow product to reach sewage system or any water course. Do not allow to penetrate the ground/soil. Inform respective authorities in case of seepage into water course or sewage system. · 6.3 Methods and material for containment and cleaning up: Dilute with plenty of water. Use neutralising agent. Dispose contaminated material as waste according to section 13. Ensure adequate ventilation. · 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.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Thorough dedusting.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Safety showers and eye wash facilities should be available at the work area.

· Information about fire - and explosion protection: Keep respiratory protective device available.

- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: Store only in the original receptacle.
- · Information about storage in one common storage facility: Store away from flammable substances.
- Further information about storage conditions:

Keep container tightly sealed.

Protect from humidity and water.

- · Storage class: 8 A
- 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

- · 8.1 Control parameters
- · Ingredients with limit values that require monitoring at the workplace:
- CAS: 10043-01-3 Aluminium sulphate
- WEL Long-term value: 2 mg/m³

(Contd. of page 3)

Revision: 27.01.2025

GB —



Printing date 27.01.2025

Version number 5 (replaces version 4)

Revision: 27.01.2025

Trade name: Oxygen Tablets

		(Contd. of page
· DNELs		
	93-62-8 Potassium peroxo	-
Oral		s 1 mg/kg bw/day (general population)
		s 3 mg/kg bw/day (general population)
Dermal	Long-term systemic effects	s 2 mg/kg bw/day (general population)
		4 mg/kg bw/day (worker)
Inhalative	Long-term local effects	56 μg/m ³ (general population)
		112 μ g/m ³ (worker)
	43-01-3 Aluminium sulpha	
Oral	Long-term systemic effects	s 1.9 mg/kg bw/day (general population)
	Short-term systemic effects	s 92.4 mg/kg bw/day (general population)
Dermal	Short-term systemic effects	s 23.35 mg/kg bw/day (general population)
		46.7 mg/kg bw/day (worker)
	Long-term systemic effects	s 855 μg/kg bw/day (general population)
		1,710 µg/kg bw/day (worker)
	Short-term systemic effects	s 441 µg/kg bw/day (general population)
		882 μg/kg bw/day (worker)
	Long-term local effects	441 μg/kg bw/day (general population)
		882 μg/kg bw/day (worker)
Inhalative	Long-term systemic effects	1.5 mg/m ³ (general population)
		3 mg/m ³ (worker)
	Short-term systemic effects	s 1 mg/m ³ (general population)
	-	2 mg/m ³ (worker)
	Long-term local effects	1.5 mg/m ³ (general population)
	-	3 mg/m ³ (worker)
	Short-term local effects	1 mg/m ³ (general population)
		2 mg/m ³ (worker)
· PNECs		
	93-62-8 Potassium peroxo	monosulphate
Freshwater	^	22.2 µg/L
		не 10 µg/L
		2.22 µg/L
Marine Water - Intermittent releases 5		
		1 mg/L
-		79.92 μg/kg
		7.992 μg/kg
		2.996 μg/kg
	43-01-3 Aluminium sulpha	
Freshwater	-	4.5 mg/L
		30.11 mg/L
110511Water	. international releases .	(Contd. on page

n page oj — GB —



Printing date 27.01.2025

Version number 5 (replaces version 4)

Revision: 27.01.2025

Trade name: Oxygen Tablets

	(Contd. of page 5)
Marine water	64 mg/L
Sewage Treatment Plant	60.2 mg/L
Sediment (freshwater)	10 mg/kg
Sediment (marine water)	31.4 mg/kg
Air	2 mg/m ³
Soil	58 mg/kg
Secondary poisoning	150 mg/kg food

• Additional information: The lists valid during the making were used as basis.

· 8.2 Exposure controls

- · Appropriate engineering controls No further data; see section 7.
- · Individual protection measures, such as personal protective equipment

\cdot General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Take note of assigned Workplace Exposure Limits.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Do not eat or drink while working.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

- Ensure that eyewash stations and safety showers are close to the workstation location.
- Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation.

· Hand protection



Protective gloves.

Use gloves tested and approved under appropriate government standards such as NIOSH (US) or EN374 (EU).

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation • Material of gloves

Butyl rubber, BR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. • Not suitable are gloves made of the following materials:

- Leather gloves
- Textile gloves.

· Eye/face protection



Tightly sealed goggles conforming to EN166.

(Contd. on page 7)

GB —



Printing date 27.01.2025

Version number 5 (replaces version 4)

Revision: 27.01.2025

(Contd. of page 6)

Trade name: Oxygen Tablets

· Body protection:

Impervious protective clothing

Body protection must be chosen depending on product properties, activity and possible exposure.

- Environmental exposure controls Do not allow to enter drains, sewers or watercourses.
- · Risk management measures The operators shall be instructed adequately.

SECTION 9: Physical and chemical properties · 9.1 Information on basic physical and chemical properties · General Information · Physical state Solid · Colour: Colourless · Odour: Characteristic Not determined. · Odour threshold: • Melting point/freezing point: Undetermined. · Boiling point or initial boiling point and boiling range Undetermined. · Flammability Not determined. · Lower and upper explosion limit · Lower: Not determined. · Upper: Not determined. · Flash point: Not applicable. · Decomposition temperature: Not determined. \cdot pH (20 g/l) at 20 °C 2.3 · Viscosity: · Kinematic viscosity Not applicable. · Dynamic: Not applicable. · Solubility Soluble. · water: · Partition coefficient n-octanol/water (log value) Not determined. · Vapour pressure: Not applicable. · Density and/or relative density · Density at 20 °C: 1.4 g/cm³ Not determined. · Relative density · Vapour density Not applicable. • 9.2 Other information · Appearance: · Form: Tablets · Important information on protection of health and environment, and on safety. · Ignition temperature: Product is not self-igniting. · Explosive properties: Product does not present an explosion hazard.

Not applicable.

Explosive properties:
 Change in condition

 \cdot Evaporation rate



Printing date 27.01.2025

Version number 5 (replaces version 4)

Revision: 27.01.2025

Trade name: Oxygen Tablets

		(Contd. of page
Information with regard to physical hazard c	lasses	
Explosives	Void	
Flammable gases	Void	
Aerosols	Void	
Oxidising gases	Void	
Gases under pressure	Void	
Flammable liquids	Void	
Flammable solids	Void	
Self-reactive substances and mixtures	Void	
Pyrophoric liquids	Void	
Pyrophoric solids	Void	
Self-heating substances and mixtures	Void	
Substances and mixtures, which emit flammal	ble gases	
in contact with water	Void	
Oxidising liquids	Void	
Oxidising solids	Void	
Organic peroxides	Void	
Corrosive to metals	Void	
Desensitised explosives	Void	

SECTION 10: Stability and reactivity

- \cdot 10.1 Reactivity No further relevant information available.
- · 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: Decomposes before melting.
- · 10.3 Possibility of hazardous reactions
- Reacts with acids. Reacts with alkali and metals.

Reacts with humid air.

- · 10.4 Conditions to avoid No further relevant information available.
- \cdot 10.5 Incompatible materials: Strong acids and oxidising agents
- · 10.6 Hazardous decomposition products: Sulphur oxides (SOx)

SECTION 11: Toxicological information

- \cdot 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- · Acute toxicity Harmful if swallowed.

· LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)

Oral LD50 1,274.1 mg/kg (rat)

CAS: 70693-62-8 Potassium peroxomonosulphate				
Oral	LD50	1,204 mg/kg (rat)		
Dermal	LD50	1,204 mg/kg (rat) > 11,000 mg/kg (rabbit) > 14 mg/l (rat)		
Inhalative	LC50/4 h	> 14 mg/l (rat)		

(Contd. on page 9)

[—] GB —



Printing date 27.01.2025

Version number 5 (replaces version 4)

Revision: 27.01.2025

(Contd. of page 8)

Trade name: Oxygen Tablets

CAS: 100	CAS: 10043-01-3 Aluminium sulphate		
Oral	LD50	> 2,000 mg/kg (rat)	
Dermal	LD50	> 5,000 mg/kg (rabbit)	
Inhalative	LC50/4 h	> 5 mg/l (rat)	
Primary irritant effect:			

- · Skin corrosion/irritation Causes severe skin burns and eye damage.
- · Serious eye damage/irritation Causes serious eye damage.
- · Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- STOT-single exposure Based on available data, the classification criteria are not met.
- \cdot **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- Aspiration hazard Based on available data, the classification criteria are not met.
- · Additional toxicological information:

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

Inhalation may cause lung oedema, but only after initial corrosive effects on eyes and/or airways have become manifest. The symptoms of lung oedema often do not become manifest until a few hours have passed and they are aggravated by physical effort. Rest and medical observation are therefore essential. Immediate administration of an appropriate inhalation therapy by a doctor or a person authorized by him/her, should be considered.

· 11.2 Information on other hazards

· Endocrine disrupting properties

None of the ingredients are listed.

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity:

CAS: 70693-62-8 Potassium peroxomonosulphate

EC50 (96 h) 3.5 mg/l (Bacteria)

• 12.2 Persistence and degradability No further relevant information available.

- 12.3 Bioaccumulative potential Contains components with the potential to bioaccumulate.
- 12.4 Mobility in soil No further relevant information available.
- \cdot 12.5 Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- · vPvB: Not applicable.
- · 12.6 Endocrine disrupting properties The product does not contain substances with endocrine disrupting properties.
- · 12.7 Other adverse effects
- · Remark: Harmful to fish
- · Additional ecological information:
- · General notes:

Harmful to aquatic organisms

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

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water



Printing date 27.01.2025

Version number 5 (replaces version 4)

Revision: 27.01.2025

(Contd. of page 9)

Trade name: Oxygen Tablets

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· Recommendation

Recommended Hierarchy of Controls:

- Minimise waste;
- Reuse if not contaminated;
- Recycle, if possible; or
- Safe disposal (if all else fails).

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact waste processors for recycling information.

Used, degraded or contaminated product may be classified as hazardous waste. Anyone classifying hazardous waste and determining its fate must be qualified in accordance with state and international legislation.

· Uncleaned packaging:

· Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Disposal must be made according to official regulations.

Container remains hazardous when empty. Continue to observe all precautions.

Containers, even those that are "empty," may contain residues that can develop flammable and/or hazardous vapours upon heating. Do not cut, drill, grind, weld, or perform similar operations on or near empty containers. Do not mix with other waste streams.

• Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information · 14.1 UN number or ID number · ADR/RID/ADN, IMDG, IATA UN3260 · 14.2 UN proper shipping name UN3260 CORROSIVE SOLID, ACIDIC, INORGANIC, · ADR/RID/ADN N.O.S. (Potassium peroxomonosulphate) CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. · IMDG, IATA (Potassium peroxomonosulphate) · 14.3 Transport hazard class(es) · ADR/RID/ADN 8 (C2) Corrosive substances. · Class (Contd. on page 11) GB



Printing date 27.01.2025

Version number 5 (replaces version 4)

Revision: 27.01.2025

Trade name: Oxygen Tablets

	(Contd. of page 10
· Label	8
· IMDG, IATA	
· Class · Label	8 Corrosive substances. 8
· 14.4 Packing group · ADR/RID/ADN, IMDG, IATA	П
· 14.5 Environmental hazards:	Not applicable.
 14.6 Special precautions for user Hazard identification number (Kemler code): 	Warning: Corrosive substances. 80
 Hazchem Code: EMS Number: Segregation groups Stowage Category Segregation Code 	2X F-A,S-B (SGG1) Acids B SG36 Stow "separated from" SGG18-alkalis. SG49 Stow "separated from" SGG6-cyanides
• 14.7 Maritime transport in bulk according to IM instruments	IO Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
 ADR/RID/ADN Limited quantities (LQ) Excepted quantities (EQ) Transport category Tunnel restriction code 	1 kg Code: E2 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 500 g 2 E
 IMDG Limited quantities (LQ) Excepted quantities (EQ) 	1 kg Code: E2 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 500 g
· UN "Model Regulation":	UN 3260 CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (POTASSIUM PEROXOMONOSULPHATE), 8, II

(Contd. on page 12)



Printing date 27.01.2025

Version number 5 (replaces version 4)

Revision: 27.01.2025

(Contd. of page 11)

Trade name: Oxygen Tablets

SECTION 15: Regulatory information

- · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture · Poisons Act
- · Regulated explosives precursors
- None of the ingredients are listed.
- · Regulated poisons

None of the ingredients are listed.

· Reportable explosives precursors

None of the ingredients are listed.

· Reportable poisons

None of the ingredients are listed.

- · Control Of Major Accident Hazards Regulations 2015 (COMAH)
- Named dangerous substances ANNEX I None of the ingredients are listed.
- · 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 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.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

· Relevant phrases

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

· Training hints

This product should only be handled by workers who have received sufficient training in the safe handling and use of chemical products.

· Department issuing SDS: Product safety department.

· Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- DNEL: Derived No-Effect Level (UK REACH)
- PNEC: Predicted No-Effect Concentration (UK REACH) LC50: Lethal concentration, 50 percent
- LC50: Lethal concentration, 50 p LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- ATE: Acute toxicity estimate values
- Met. Corr.1: Corrosive to metals Category 1



Printing date 27.01.2025

Version number 5 (replaces version 4)

Revision: 27.01.2025

Trade name: Oxygen Tablets

Acute Tox. 4: Acute toxicity – Category 4 Skin Corr. 1B: Skin corrosion/irritation – Category 1B Eye Dam. 1: Serious eye damage/eye irritation – Category 1 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3 • * **Data compared to the previous version altered.**

(Contd. of page 12)

- GB ---