

SAFETY DATA SHEET

Product Name: Oxy Shock					
1. Chemical product and company identification					
Product name	Oxy Shock				
Chemical name	Potassium Peroxymonosulphate triple salt				
Product type and use	Swimming pools				
Company identification	Swimmingpoolchemicals				
Address and telephone number	Unit 5, Pool Bank Park High Street, Tarvin, Chester CH3 8JH				
Emergency telephone number	01829 740290				
2. Composition/Information on ingredients					
Chemical Name	CAS No	Conc(%)	Symbol	R-phrases(s)	EINECS
Potassium Monoperoxysulphate	10058-23-8	47%	O, C,	R8, R34	233-187-4
3. Hazards identification					
Skin Contact	Corrosive to skin and eyes				
Ingestion	Harmful if swallowed Irritating to lungs and breathing passages				
4. First-aid measures					
Inhalation:	Irritation of breathing passages and lungs.	Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete seek medical attention.			
Skin contact:	Irritation, prolonged Contact may result in sensitisation.	Drench the skin with plenty of water. Remove contaminated clothing and wash before reuse. If large areas of the skin are damaged or if irritation persists seek medical attention.			
Eye contact:	Pain, reddening, watering.	Irrigate thoroughly with water for at least 10 minutes. Obtain medical attention.			
Ingestion:	Irritation of gastrointestinal tract, stomach upset.	Wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink. If patient feels unwell seek medical attention.			

Product Name: Oxyshock

5. Fire-fighting measures

- Suitable Fine water spray or pressurised water
- Specific hazards arising Oxides of sulphur
- Protective equipment Self contained breathing apparatus

6. Accidental release measure

- Personal precautions: Wear appropriate protection, protective gloves, safety glasses, overalls and boots
- Environmental precautions: Do not allow undiluted material to enter drains.
- Methods for cleaning up: Sweep up spilt material and place in suitable labelled containers for recycling or waste disposal. Subsequently wash spill site with plenty of water.

7. Handling and Storage

- Ventilation Good general ventilation
- Handling Avoid contact with skin and eyes. Protect from heat and moisture.
- Storage Store in original, closed containers. Keep away from caustic solutions, alkalis, combustible materials.
- Temperature range: Below 30°C
- Humidity range: Dry

8. Exposure controls/Personal Protection

- Hygiene measures: Always wash thoroughly after handling chemicals.
- Respiratory protection: Type approved RPE for dusts if required.
- Hand protection: Protective gloves
- Eye protection: Safety glasses
- Skin and body protection: Overalls and boots

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9.	<p>Appearance: White Solid</p> <p>Odour: Odourless</p> <p>pH: Ca. 2-3 @ 10g/l solution</p> <p>Flammability: Not flammable, but may assist in the combustion of other materials.</p> <p>Oxidising Properties: Action of heat and moisture will liberate oxygen.</p> <p>Relative density: 1100 – 1200 kg/m³</p> <p>Solubility in water: 250 g/l @ 20°C; 330 g/l @ 70°C</p>
10.	<p>Stability and Reactivity</p> <p>Stability: SADT ca. 90°C</p> <p>Conditions to avoid: Moisture, elevated temperatures</p> <p>Hazardous reactions: Decomposition on heating, or in contact with rust or traces of metal</p> <p>Materials to avoid: Caustic solutions, alkalis, combustible materials</p> <p>Hazardous decomposition products: Oxides of sulphur, oxygen, ozone</p>
11.	<p>Toxicological Information</p> <p>Effects: Corrosive action on skin, eyes and mucous membranes. Inhalation or ingestion can cause irritation of the affected organs.</p> <p>LD₅₀ >2000 mg/kg oral-rat</p>
12.	<p>Ecological Information</p> <p>Environmental Effects: In waste water, rapid reduction by decomposition to Potassium hydrogen sulphate and oxygen. Water hazard classification – Class 1 (slightly harmful).</p>
13.	<p>Disposal Considerations</p> <p>Substance: Via an authorised waste disposal contractor to an approved waste disposal site, observing all local and national regulations.</p> <p>Container: As substance</p>

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14. Transport Information

UN No	1759
Primary Hazard	Corrosive
Packing Group	III
H I Number	80
Class/Item No	8, 27c
Emergency Action Code	2 X

15. Regulatory Information

Supply label details

Label Name: Oxyshock. Contains potassium monoperoxysulphate

Symbols: Corrosive and oxidising

Risk Phrases: 8 – 34. Contact with combustible material may cause fire. Causes burns.

Safety Phrases: 26 – 36/37/39 – 45. Keep away from combustible material. Wear suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell, seek medical attention immediately (show label where possible).

The statements made herein are based on our best present experience and are intended to describe product safety requirements. They should not therefore be considered as a warranty of specific properties.