

**SAFETY DATA SHEET**  
PRO-SWIM OXYSHOCK

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Compilation date: 23/09/2016

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Revision No: 3

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** PRO-SWIM OXYSHOCK

**REACH registered number(s):** 01-2119485567-22-XXXX

**CAS number:** 70693-62-8

**EINECS number:** 274-778-7

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

**1.3. Details of the supplier of the safety data sheet**

**Company name:** Pro Swim Supplied by: Water Treatment Products Ltd

Unit 1 Gilchrist Thomas Industrial Estate

Blaenavon

Pontypool

Torfaen

NP4 9RL

**Tel:** 01495 792790

**Fax:** 01495 792090

**Email:** [sales@watertreatmentproducts.co.uk](mailto:sales@watertreatmentproducts.co.uk)

**1.4. Emergency telephone number**

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** Acute Tox. 4: H302+H332; Aquatic Chronic 3: H412; Skin Corr. 1A: H314; Ox. Sol. 2: H272; -: EUH208

**Most important adverse effects:** Harmful if swallowed or if inhaled Causes severe skin burns and eye damage. Harmful to aquatic life with long lasting effects. Contains potassium monopersulphate. May produce an allergic reaction.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H302+H332: Harmful if swallowed or if inhaled

H314: Causes severe skin burns and eye damage.

H412: Harmful to aquatic life with long lasting effects.

EUH208: Contains potassium monopersulphate. May produce an allergic reaction.

**Hazard pictograms:** GHS05: Corrosion

GHS07: Exclamation mark

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**Signal words:** Danger

**Precautionary statements:** P260: Do not breathe dust/fumes/gas/mist/vapours/spray.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting  
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.  
Rinse skin with water .  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P273: Avoid release to the environment.

## 2.3. Other hazards

**Other hazards:** Contact with combustible material may cause fire. Harmful if swallowed. Causes burns.

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.1. Substances

**Chemical identity:** PENTAPOTASSIUM BIS(PEROXYMONOSULPHATE) BIS (SULPHATE)

**CAS number:** 70693-62-8

**EINECS number:** 274-778-7

**REACH registered number(s):** 01-2119485567-22-XXXX

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water. If irritation persists seek medical attention.

**Eye contact:** Bathe the eye with running water for 15 minutes. Remove contact lenses if present and easy to do so Hold the eyelids apart during irrigation to ensure flushing of the entire surface of the eye and eyelids with water. Consult a doctor.

**Ingestion:** Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

### 4.2. Most important symptoms and effects, both acute and delayed

**Skin contact:** Causes burns. May cause sensitization by skin contact

**Ingestion:** Harmful if swallowed.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

[cont...]

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

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Water spray. Dry chemical powder. Do not use carbon dioxide.

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

**Exposure hazards:** Do not use water jet as an extinguisher, as this will spread the flames

### 5.3. Advice for fire-fighters

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Sweep into suitable containers for disposal or recovery. Keep container open. After cleanup flush away traces of the product with copious amounts of water.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid the formation or spread of dust in the air. Wash hands before breaks and immediately after handling the product. Avoid contact with skin and eyes.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. Avoid the following conditions :- water, moisture

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

[cont...]

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**Hazardous ingredients:**

**PENTAPOTASSIUM BIS(PEROXYMONOSULPHATE) BIS (SULPHATE)**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	-	-	4 mg/m <sup>3</sup>

## DNEL/PNEC Values

**DNEL / PNEC** No data available.

## 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protection must be worn if workplace exposure limits are exceeded.

**Hand protection:** Rubber gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374

**Eye protection:** Safety goggles.

**Skin protection:** Protective clothing. Rubber boots. Wash hands after use.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Powder

**Colour:** White

**Odour:** Odourless

**Solubility in water:** 256 g/lit @ 20 deg C

**Relative density:** 1.15

**pH:** 2.0(aq.soln)

### 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

[cont...]

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## 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

## 10.5. Incompatible materials

**Materials to avoid:** Halogenated Compounds Cyanides. Heavy metals Oxygen. Contact with combustible material may cause fire.

## 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion produces oxygen.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicity values:

Route	Species	Test	Value	Units
DUST/MIST	RAT	4H LC50	>5	mg/l
ORAL	RAT	LD50	200-2000	mg/kg
ORL	RAT	LD50	2000	mg/kg

#### Hazardous ingredients:

##### PENTAPOTASSIUM BIS(PEROXYMONOSULPHATE) BIS (SULPHATE)

ORL	RAT	LD50	1240	mg/kg
SKN	RBT	OECD 404	irritant	-

#### Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH ING	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

### Symptoms / routes of exposure

**Skin contact:** Causes burns. May cause sensitization by skin contact

**Ingestion:** Harmful if swallowed.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

## Section 12: Ecological information

### 12.1. Toxicity

[cont...]

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## Ecotoxicity values:

Species	Test	Value	Units
Daphnia magna	48H EC50	3.5	mg/l
FISH	96H LC50	53	mg/l

## Hazardous ingredients:

### PENTAPOTASSIUM BIS(PEROXYMONOSULPHATE) BIS (SULPHATE)

DAPHNIA	24H EC50	5.5	mg/l
DAPHNIA	24H NOEC	1.8	mg/l
FISH	96H LC50	32	mg/l
Bacteria	Biostat	108	mg/l

## 12.2. Persistence and degradability

## 12.3. Bioaccumulative potential

## 12.4. Mobility in soil

## 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

## 12.6. Other adverse effects

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Disposal to a special waste disposal plant, in accordance with local council regulations.  
Disposal should be carried out by licenced contractors.

**Disposal of packaging:** Arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN3260

### 14.2. UN proper shipping name

**Shipping name:** CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.

### 14.3. Transport hazard class(es)

**Transport class:** 8

### 14.4. Packing group

**Packing group:** II

[cont...]

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## 14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

## 14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 2

## Section 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

### 15.2. Chemical Safety Assessment

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H302+H332: Harmful if swallowed or if inhaled

H314: Causes severe skin burns and eye damage.

H412: Harmful to aquatic life with long lasting effects.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.