

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

**1.1 Product Identifier** Non chlorine shock pods

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

Recommended use: Water treatment

Restrictions on use: Contact supplier

**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**

Acute Tox. 4 H302 Harmful if swallowed.

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

Eye Dam. 1

Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Skin Sens. 1 H317 May cause an allergic skin reaction.

**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 pictograms:



GHS05



GHS07



GHS08

Signal word: Danger

Hazard statements: H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage  
H317 May cause an allergic skin reaction.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary statements: P280 : Wear protective gloves/protective clothing/eye protection.  
P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P310: Immediately call a POISON CENTER/doctor.  
P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.  
Rinse skin with water

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**2. Hazard Identification**

P305+351+338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing

P342+P311 : If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

P405: Store locked up.

P501: Dispose of contents/container in accordance with local/regional/national/international regulations

**2.3 Other Hazards**

There are no other hazards not otherwise classified that have been identified.

**3. Composition/information on ingredients****3.2 Mixture**

<b><i>pentapotassium bis(peroxymonosulphate)bis(sulphate)</i></b>		
70693-62-8	60-80%	Skin Corr. 1B, H314; Eye Dam. 1, H318 Acute Tox. 4, H302
<b><i>sodium carbonate</i></b>		
497-19-8	10-20%	Eye Irrit. 2A, H319
<b><i>dipotassium peroxodisulphate</i></b>		
7727-21-1	<5%	Ox. Sol. 3, H272 Resp. Sens. 1, H334 Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1, H317; STOT SE 3, H335

**Additional information:**

For the wording of the listed Hazard Statements refer to section 16.

**4. First Aid measures****4.1 Description of first aid measures**

General Advice: Take off all contaminated clothing immediately.

If Inhaled: Supply fresh air and to be sure to call for a doctor. Provide oxygen treatment if affected person has difficulty breathing. In case of irregular breathing or respiratory arrest provide artificial respiration.

After skin contact: Immediately remove any clothing soiled by the product. Brush off loose particles from skin. Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor. Seek immediate medical help for blistering or open wounds.

After eye contact: Protect unharmed eye. Remove contact lenses if worn, if possible. 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; immediately call for medical help.

**4.2 Most important symptoms and effects, both acute and delayed**

Symptoms and effects: Asthma attacks  
Breathing difficulty  
Coughing  
Allergic reactions  
Danger of severe eye injury.  
Strong caustic effect on skin and mucous membranes.  
Gastric or intestinal disorders when ingested.  
Nausea in case of ingestion.  
Vomiting /Diarrhoea.

#### 4. First Aid measures

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

**Danger:** Danger of gastric perforation.  
Danger of impaired breathing.  
Causes severe skin burns and eye damage.  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
Harmful if swallowed.

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

**Treatment** Medical supervision for at least 48 hours.  
Severe allergic skin reaction, bronchial spasms and anaphylactic shock are possible.  
Later observation for pneumonia and pulmonary edema.  
If necessary oxygen respiration treatment.  
Contains dipotassium peroxodisulphate. May produce an allergic reaction.  
In cases of irritation to the lungs, initial treatment with cortical steroid inhalants.  
If medical advice is needed, have product container or label at hand.

#### 5. Fire fighting measures

##### 5.1 Extinguishing media:

Suitable media: Water Spray  
Unsuitable media: None

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

Specific Hazards : Formation of toxic gases is possible during heating or in case of fire.

##### 5.3 Advice for fire-fighters

Special equipment: In the event of fire, wear self-contained breathing apparatus. Wear appropriate body protection (full protective suit).

#### 6. Accidental release Measures

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

Personal Precautions: Ensure adequate ventilation. Use personal protective equipment as required. Avoid formation of dust. Do not breathe dust.

##### 6.2 Environmental precautions

Environmental precautions: Do not allow to enter sewers/ surface or ground water.

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

Cleaning up: Pick up mechanically.  
Send for recovery or disposal in suitable receptacles.

##### 6.4 Reference to other sections

See Section 1 for emergency contact information  
See Section 7 for information on safe handling.  
See Section 13 for waste treatment information

#### 7. Handling and storage

##### 7.1 Precautions for safe handling

Advice on safe handling: Precautions for safe handling:  
Use only in well ventilated areas.  
Prevent formation of dust.  
Any deposit of dust which cannot be avoided must be regularly removed.

##### Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.  
Emergency cooling must be available in case of nearby fire.  
Keep respiratory protective device available.

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## 7. Handling and storage

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

Storage: Storage area should be dry and well-ventilated.

Common storage: Store away from foodstuffs.  
Store away from reducing agents.  
Store away from flammable substances.  
Store away from metals.  
Do not store together with textiles.

Further information : Protect from humidity and water.  
Keep containers tightly sealed.

### 7.3 Specific end uses

Specific use(s) No relevant information available.

## 8. Exposure control/personal protection

### 8.1 Control parameters

Components with limit values that require monitoring at the workplace:

70693-62-8 pentapotassium bis(peroxymonosulphate)bis(sulphate)			
OEL (Supplier)	Long-term value:	0.1 mg/m <sup>3</sup>	as Persulphates
OEL (Ireland)	Long-term value:	0.1 mg/m <sup>3</sup>	as Persulphates
7727-21-1 dipotassium peroxodisulphate			
OEL (Supplier)	Long-term value:	0.1 mg/m <sup>3</sup>	as Persulphates

### 8.2 Exposure controls

Engineering measures Refer to protective measures listed in sections 7 and 8


#### Personal protective equipment

##### General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.  
Do not breathe dust.  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Do not inhale gases / fumes / aerosols.  
Avoid contact with the eyes and skin.

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

### 8.2 Exposure controls

Hand protection  Wear protective gloves.  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Eye protection  Wear safety glasses approved to standard EN 166.

Skin and body protection: Protective work clothing

#### Environmental exposure controls

General advice: Avoid release to the environment.

**9. Physical and chemical properties****9.1 Information on basic physical and chemical properties****Appearance:**

Form:	Granulate
Colour:	White
Odour:	Odourless
Odour threshold:	Not determined.

pH-value:	8.2 - 9.2 (1% solution)
Melting point/range:	Not determined.
Boiling point/range:	Not determined.
Flash point:	Not applicable
Flammability (solid, gas):	Contact with combustible material may cause fire.
Auto-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Danger of explosion:	Product does not present an explosion hazard.

Explosion limits	Lower:	Not determined.
	Upper:	Not determined.

Oxidizing properties:	Contains oxidizing agent.
Vapour pressure:	Not determined.

Density:	
Relative density at 20 °C (68 °F):	2.35 g/cm <sup>3</sup> (19.611 lbs/gal)
Vapour density:	Not applicable.
Evaporation rate:	Not applicable.

Solubility in / Miscibility with Water at 22 °C (72 °F):	297-357 g/l
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Partition coefficient (n-octanol/water): Not determined.

Viscosity	Dynamic:	Not determined.
	Kinematic:	Not determined.

**Other Information** No relevant information available

**10. Stability and reactivity****10.1 Reactivity**

Reactivity No relevant information available

**10.2 Chemical stability**

Chemical stability Stable under normal temperatures and pressures.  
Thermal decomposition : Decomposes before melting.

**10.3 Possibility of hazardous reactions**

Possibility of hazardous reactions  
Reacts with reducing agents.  
Reacts with halogenated compounds.  
Reacts with organic substances.  
Reacts with strong acids and alkali.  
Reacts with various metals.

**10.4 Conditions to avoid**

Conditions to avoid  
Reacts with reducing agents.  
Excessive heat.

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Trade Name: GH Non Chlorine Shock Pods

### 13. Disposal Considerations

#### 13.1 Waste treatment methods


Recommendation:

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and non-hazardous wastes.




#### Uncleaned packagings

Recommendation: Disposal must be made according to official regulations.

### 14. Transport Information

14.1 UN Number	3260	
14.2 UN proper shipping name	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (Monopersulphate Compound)	
14.3 Transport hazard class(es)		
ADR/ IMDG /IATA	Class	8
	Classification Code	C2
	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		Warning: Corrosive substances
	Danger code (Kemler):	88
	EMS Number:	F-A,S-B
	Segregation groups	Acids
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code		Not applicable

#### Transport/Additional information:

	ADR:	Limited Quantity for packages less than 30 kg gross and inner packagings less than 1 kg.
	IMDG:	Limited Quantity for packages less than 30 kg gross and inner packagings less than 1 kg.
	IATA	Limited Quantity for packages less than 30 kg gross and inner packagings less than 2.5 kg.

### 15. Regulatory information

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

This Safety Data Sheet is provided in compliance with REACH Regulation (EC) No 1907/2006

#### 15.2 Chemical Safety Assessment

Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

Trade Name: GH Non Chlorine Shock Pods

### 16. Other information

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

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 May cause an allergic skin reaction.

Ox. Sol. 3: Oxidizing solids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

Resp. Sens. 1: Respiratory sensitisation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Restricted to professional users. Attention - Avoid exposure- obtain special instructions before use

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█ Indicates updated section





