
SAFETY DATA SHEET

1 Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Product Name: **Non Chlorine Shock**
Datasheet Number: Non Chlorine Shock 3. 0. 0

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

Pool / spa treatment

1.3 Details of the supplier of the safety data sheet

Name of Supplier: Complete Pool Controls Ltd
Address of Supplier: Unit 2, The Park
Stoke Orchard
Bishops Cleeve
Gloucestershire GL52 7RS
UK
Telephone: +44 (0) 8712 229081
Fax: +44 (0) 8712 229083
Responsible Person: Sales Dpt
Email: sales@cpc-chemicals.co.uk

1.4 Emergency telephone number

+44 (0) 8712 229081 (09:00 - 17:00)
+44 (0) 1242 300271

2 Hazards identification**2.1 Classification of the substance or mixture**

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]
- Skin Corr. 1B, H314
- Acute Tox. 4, H302
- Classification (67/548/EEC, 1999/45/EC)
- C: R34
- Xn; R22
- Additional information: For full text of R-phrases and Hazard- and EU Hazard-statements: see section 16

2.2 Label elements

- Signal Word: Danger
- Symbols: GHS05, GHS07

Hazard phrases

- Harmful if swallowed.
- Causes severe skin burns and eye damage.

Precautionary Phrases

- Do not breathe dust/fume/gas/mist/vapours/spray.
- Wear protective gloves/protective clothing/eye protection/face protection.

2 Hazards identification (....)

- IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- IF exposed or concerned: Get medical advice/attention.

2.3 Other hazards

- Use biocides safely. Always read the label and product information before use.

3 Composition/information on ingredients

3.1 Mixtures

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases*	Symbols
Pentapotassium bis(peroxymonosulphate) bis(sulphate)	5-50%	70693-62-8	274-778-7	H302, H314 R22, R34	GHS05, GHS07 Xn, C

*See Section 16

4 First aid measures

4.1 Description of first aid measures

- Remove/Take off immediately all contaminated clothing.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Get medical advice/attention.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- IF ON SKIN: Gently wash with plenty of soap and water.
- If skin irritation or rash occurs: Get medical advice/attention.
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

- Prolonged skin or eye contact may cause chemical burns
- Causes nausea/vomiting

4.3 Indication of immediate medical attention and special treatment needed

- Treat symptomatically

5 Fire-fighting measures

5.1 Extinguishing media

- In case of fire: use water for extinction

5.2 Special hazards arising from the substance or mixture

- Gives off irritating or toxic fumes (or gases) in a fire.
- Decomposition products may include sulphur oxides
- See Section 10.6

5.3 Advice for firefighters

- Wear protective clothing as per section 8
- Collect contaminated fire extinguishing water separately. This MUST not be discharged into drains. Prevent fire extinguishing water from contaminating surface or ground water.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8
- Evacuate the area and keep personnel upwind
- Avoid breathing dust/fume/gas/mist/vapours/spray.

6.2 Environmental Precautions

- Avoid release to the environment.
- Do not allow to enter public sewers and watercourses
- Do not allow to penetrate the ground/soil.
- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities

6.3 Methods and material for containment and cleaning up

- Sweep or shovel-up spillage and remove to a safe place
- Place in sealable container

6.4 Reference to other sections

- See Section 7 & 8
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7 Handling and storage

7.1 Precautions for safe handling

- Do not mix with any other products
- Ensure adequate ventilation
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Do not eat, drink or smoke when using this product.
- Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

- Store away from other materials.
- Store in a well-ventilated place. Keep cool.
- Store in a dry place.
- Keep only in original container.
- Protect from moisture.
- Keep away from foodstuff.

7.3 Specific end use(s)

- No information available.
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8 Exposure controls/personal protection

8.1 Control parameters

- None assigned

8.2 Exposure controls

- Engineering controls should be provided which maintain airborne concentrations as low as practicable

Occupational exposure controls

- In case of inadequate ventilation wear respiratory protection.
 - Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.
 - Wear safety glasses approved to standard EN 166.
 - Wear apron or other light protective clothing
 - Keep working clothes separately and do not take them home
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8 Exposure controls/personal protection (....)



Respirator



Goggles



Gloves



Suit

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Characteristic odour
- Appearance: colourless, powder
- pH 2.3
- Boiling point - not known
- Vapour pressure - not applicable
- Vapour density - not known
- Melting point - not known
- Completely soluble in water
- Specific gravity - not known
- Flash point - not known
- Non-explosive
- Contact with other material may cause fire
- Partition coefficient : n-Octanol/water - not known
- Evaporation rate - not known
- Viscosity - not applicable

9.2 Other information

- No information available

10 Stability and reactivity

10.1 Reactivity

- No information available

10.2 Chemical stability

- No decomposition if stored normally.

10.3 Possibility of hazardous reactions

- No information available

10.4 Conditions to avoid

- Avoid contact with moist air
- Keep away from heat and sources of ignition
- Protect from moisture.
- Keep container tightly closed.

10.5 Incompatible materials

- Incompatible with combustible material

10.6 Hazardous Decomposition Products

- Decomposition products may include sulphur oxides
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11 Toxicological information

11.1 Information on toxicological effects

Inhalation

- May cause respiratory tract irritation.
- In cases of severe exposure, wheeziness may develop

Contact with skin

- Causes blistering of the skin
- Causes burning sensation
- Prolonged skin or eye contact may cause chemical burns

Contact with eyes

- Causes redness and irritation
- Prolonged skin or eye contact may cause chemical burns
- Can cause damage to the eyes

Ingestion

- Harmful if swallowed.
- Can cause damage to the digestive system
- May cause nausea/vomiting

Carcinogenicity

- No information available

Teratogenicity

- No information available

Mutagenicity

- No information available
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12 Ecological information

12.1 Toxicity

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

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulation Potential

- No information available

12.4 Mobility in soil

- No information available

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other Adverse Effects

- Do not allow product to reach ground water, water course or sewage system.
Must not reach sewage water or drainage ditch undiluted or unneutralized.
Danger to drinking water if even extremely small quantities leak into the ground.
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13 Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Avoid release to the environment.
- Do not allow to enter public sewers and watercourses
- This material and/or its container must be disposed of as hazardous waste
- Do not reuse empty containers without commercial cleaning or reconditioning

Classification

- Waste Codes in accordance with the European Waste catalogue (EWC) are origin-defined. Since this product is used in several industries, no Waste Code can be provided by the supplier. The Waste Code should be determined in arrangement with your waste disposal partner or the responsible authority.

14 Transport information



Corrosive

14.1 UN Number

3260

14.2 UN Proper Shipping Name

CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S (potassium monoperoxysulphate)

14.3 Transport hazard class(es)

14.4 Packing group

II

14.5 Environmental hazards

- Clean up even minor leaks or spills if possible without unnecessary risk

14.6 Special precautions for user

- See Section 7

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not applicable

Other information

Road/Rail (ADR/RID)

Proper Shipping Name:	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S (potassium monoperoxysulphate)		
ADR UN No.:	3260		
ADR Hazard Class:	8	ADR Packing Group:	II
Tunnel Code:	E		

Sea (IMDG)

Proper Shipping Name:	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S (potassium monoperoxysulphate)		
IMDG UN No.:	3260		
IMDG Hazard Class.:	8	IMDG Pack Group.:	II

Air (ICAO/IATA)

Proper Shipping Name:	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S (potassium monoperoxysulphate)		
ICAO Un No.:	3260		
ICAO Hazard Class.:	8	ICAO Packing Group.:	II

15 Regulatory information

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

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

15.2 Chemical Safety Assessment

No information available

16 Other information

Revisions

1. 20/10/2010 by Linda Brueford.
2. 10/02/2012 by Linda Brueford. GHS label elements added and other minor editorial amendments.
3. September 2013 by ChemRegs. Precautionary Statements revised

Text of R and S phrase codes used in this safety data sheet:- H302: Harmful if swallowed.; H314: Causes severe skin burns and eye damage.; R22: Harmful if swallowed; R34: Causes burns.

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.