



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

1.1 Product Identifier Non Chlorine Shock

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

Uses: At this time we do not have information on identified uses.

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

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

Hazard Class	Hazard Category	Target Organs	Hazard Statements
Skin Corrosion	Category 1A		H314
Acute Tox	Category 4		H302

For the full text of the H statements mentioned in this section see Section 16.

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 symbols:



Signal word: Danger

Hazard statements:	H314	Causes severe skin burns and eye damage
	H302	Harmful if swallowed.

Precautionary statements:

P260: Do not breathe dust/fume/gas/mist/vapours/spray

P280: Wear protective gloves/protective clothing/eye protection/face protection

P301+P361+P353: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water

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

P308+310: If exposed or concerned: Get medical attention

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

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Trade Name: Non Chlorine Shock

2. Hazard Identification

Additional Labelling:

Hazardous components which must be listed on the label

pentapotassium bis(peroxymonosulphate)bis(sulphate)

2.3 Other Hazards

No other information is available

3. Composition/information on ingredients

3.1 Substances

Chemical nature: Powder

Chemical Name pentapotassium bis(peroxymonosulphate)bis(sulphate)

Cas No:	EC No:	%	R/HPHrases*	Symbols
70693-62-8	274-778-7	5-50	H302,H314	GHS05,GHS07

4. First Aid measures

4.1 Description of first aid measures

General Advice: Take off all contaminated clothing immediately.

If Inhaled: In case of accident by inhalation; remove casualty to fresh air and keep at rest. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately

In case of skin contact: Wash off immediately with plenty of soap & water. Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.

In case of eye contact: Rinse immediately with plenty of water, also under eyelids for at least 15 minutes. Remove contact lenses. Consult an eye specialist immediately. Go to an ophthalmic hospital if possible.

If swallowed: Clean mouth with water and drink plenty of water. Never give anything by mouth to an unconscious person. If swallowed, do not induce vomiting - seek medical advice. If a person vomits when lying on his back place him in the recovery position.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects See section 11 for more detailed information on health effects and symptoms

4.3 Indication of immediate medical attention and special treatment needed

Treatment Treat symptomatically

5. Fire fighting measures

5.1 Extinguishing media:

Suitable media: Use extinguishing measures that are appropriate to local circumstances and environment.

5.2 Special hazards arising from the substance or mixture

Specific Hazards : In case of fire, the following can be released: Sulphur dioxide (SO₂)

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).

Further Information: Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

6. Accidental release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions:	Use personal protective equipment. Keep unprotected people away from of spill . Avoid contact with skin and eyes. Do not breathe vapours or spray mist.
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6.2 Environmental precautions

Environmental precautions: Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration
If the product contaminates rivers and lakes or drains - inform respective authorities.
If material reaches soil inform authorities responsible for such cases.

6.3 Methods and materials for containment and cleaning up

Cleaning up:	Use neutralizing agent. Keep in suitable closed containers for disposal.
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Further Information:	Treat recovered material in the section 'Disposal considerations'
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6.4 Reference to other sections

See Section 1 for emergency contact information
See Section 8 for personal protective information
See Section 13 for waste treatment information

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling:	Keep container tightly closed. Use personal protective equipment. Provide sufficient air exchange and/or exhaust in work rooms. Avoid formation of aerosol. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. emergency eye wash fountains and emergency showers should be available in the immediate vicinity.
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7.1 Precautions for safe handling

Hygiene measures:	Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of the work day. Take off all contaminated clothing immediately. Provide adequate ventilation. Avoid contact with the skin and eyes.
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7.2 Conditions for safe storage, including any incompatibilities.

Storage:	Store only in original receptacles
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Fire and explosion:	No special measures required
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Common storage:	Store away from flammable substances
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Storage Temperature:	No information available
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7.3 Specific end uses

Specific use(s)	No information available
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Further Information	Protect from humidity and water
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8. Exposure control/personal protection

8.1 Control parameters

Value No value assigned for this product

8.2 Exposure controls

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

Personal protective equipment

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

Hand protection Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.
Material: Leather and Strong material gloves are NOT suitable

Eye protection Wear safety glasses approved to standard EN 166.

Skin and body protection Impervious protective clothing

Environmental exposure controls

General advice: Do not flush into surface water or sanitary sewer systems
Avoid subsoil penetration
If the product contaminates rivers and lakes or drains inform respective authorities.
If the product reaches soil inform respective authorities.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form: Powder
Colour: Colourless
Odour: Characteristic

pH @ 20°C: 2.3
Melting Point Undetermined
Boiling point/boiling range: Undetermined
Flash point: Not applicable
Flammability (solid, gas) Product is not flammable
Density @ 20°C: Not determined
Water solubility: Soluble
Explosive properties: Product does not present an explosion hazard

Other Information No further information available

10. Stability and reactivity

10.1 Reactivity

Reactivity No information available

10.2 Chemical stability

Chemical stability No decomposition if stored and applied as directed

10.3 Possibility of hazardous reactions

Possibility of hazardous reactions No information available

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10. Stability and reactivity

10.4 Conditions to avoid

Conditions to avoid	Reacts with humid air
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10.5 Incompatible materials

Incompatible materials	No information available
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10.6 Hazardous decomposition products

Haz. Decomp. products	S (Sox)ulphur oxides
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11. Toxilogical Information

11.1 Information on toxilogical effects

Acute toxicity

Primary irritant effect:

on the skin: Strong caustic effect on skin and mucous membranes

on the eye: Strong caustic effect

Sensitization:	No sensitizing effects known
Carcinogenic	No further information available
Mutagenic	No further information available

Further Information:	Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of oesophagus and stomach.
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12. Ecological Information

12.1 Toxicity

Toxicity	Water Hazard Class 1 (German regulation)(self assessment): Slightly hazardous for water
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12.2 Persistence and degradability

Persistence and degradability	No information available
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12.3 Bioaccumulative potential

Bioaccumulative potential	No information available
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12.4 Mobility in soil

Mobility in soil	No information available
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12.5 PBT and PvB assessment

PBT and PvB	No information available
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12.6 Other adverse effects

Other adverse effects	No information available
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Further information:	Must not reach sewage water or drainage ditch undiluted or unneutralized. Do not allow undiluted or large quantities of product to reach ground water, water course or sewage system.
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13. Disposal Considerations**13.1 Waste treatment methods**

- Disposal should be in accordance with local, state or national legislation
- Do not reuse empty containers without commercial cleaning or reconditioning
- Do not discharge into drains or the environment, dispose to an authorised waste collection point

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

14.1 UN Number 3260

14.2 UN proper shipping name CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.
(pentapotassiumbis(peroxymonosulphate)bis(sulphate),

14.3 Transport hazard class(es)

Class	8
Classification Code	C2
Hazard label	80
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 No further information available

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information available

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

No information available

16. Other information

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

H314 Causes severe skin burns and eye damage

H302 Harmful if swallowed.

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

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16. Other information

This information is believed to be accurate and represents the best information currently available to us. However, we make no warranty or merchantability, or fitness for any particular use, or any other warranty, express or implied, with respect to this information, and we assume no liability resulting from use of this information Users should make their own investigations to determine the suitability of the information for their particular needs and uses.

Rev 4

█ Indicates updated section