

SAFETY DATA SHEET
Revision 1

Chlorine Reducer Liquid

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

1.1 Product Identifier Sodium thiosulphate pentahydrate

REACH registered number(s): Mixture

CAS number: 7772-98-7

EINECS number: 231-867-5

Product code: GHSCLEDLIQ5

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

Uses: Chlorine/Bromine neutraliser

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

The product is not classified according to the CLP regulations

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product does not have to be labelled due to the calculation procedure of the 'General Classification guideline for preparations of the EU' in the latest version

P102	Keep out of reach of children
P405	Store locked up
P501	Dispose of contents/container in accordance with national regulations.

2.3 Other Hazards This substance is not classified as PBT or vPvB according to current EU criteria.

3. Composition/information on ingredients

3.1 Mixture

Chemical Name	CAS No:	EC No:	%	CLP
Sodium Thiosulphate Anhydrous	7772-98-7	231-867-5	15 - 25%	-

4. First Aid measures

4.1 Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Rinse with water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Ingestion: Wash out mouth with water

4. First Aid measures

Inhalation: Consult a doctor

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms

4.3 Indication of immediate medical attention and special treatment needed

Notes for the doctor: Not applicable

5. Fire fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: Use fire extinguishing methods suitable to surrounding conditions. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

Haz. Combustion products In combustion emits toxic fumes.

5.3 Advice for fire-fighters

Special protective equipment: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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. Turn leaking containers leakside up to prevent the escape of liquid.

6.2 Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding

6.3 Methods and materials for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method

6.4 Reference to other sections

Other sections See Section 8 for information on personal protection equipment
See Section 13 for disposal information

7. Handling and storage

7.1 Precautions for safe handling

Usage precautions: Avoid spilling. Avoid contact with skin and eyes. Avoid handling which leads to dust formation. Provide adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities.

Storage precautions: Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container. Keep away from food, drink and animal feeding stuffs.

7.3 Specific end uses

Specific use(s) No data available

8. Exposure control/personal protection**8.1 Control parameters**

Workplace exposure limits: No data available

DNEL / PNEC

No data available

8.2 Exposure controls**Protective equipment****Engineering measures**

Respiratory protection

Respiratory protection not required.

Hand protection

It is recommended that chemical-resistant, impervious gloves are worn. To protect hands from chemicals, gloves should comply with European Standard EN374.

Eye/face protection

The following protection should be worn: Chemical splash goggles. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Skin and body protection

Provide eyewash station and safety shower. Wear appropriate clothing to prevent reasonably probable skin contact.

Hygiene measures

Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

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

Appearance

Liquid

Colour

Colourless

Odour

Odourless.

Solubility in water:

Soluble

Relative density:

1.148

9.2 Other Information

Other information:

No data available

10. Stability and reactivity**10.1 Reactivity**

Reactivity:

Stable under the prescribed storage conditions.

10.2 Chemical stability

Advice:

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.

10.4 Conditions to avoid

Conditions to avoid

Heat

10.5 Incompatible materials

Materials to avoid

Strong oxidising agents. Strong acids.

10.6 Hazardous decomposition products

Haz. Decomp. products:

In combustion emits toxic fumes.

11. Toxicological Information**11.1 Information on toxicological effects**

Toxicological effects No data available

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms

12. Ecological Information**12.1 Toxicity**

Ecotoxicity values : No data available

12.2 Persistence and degradability

Persistence and degradability Biodegradable.

12.3 Bioaccumulative potential

Partition coefficient: No bioaccumulation potential.

12.4 Mobility in soil

Mobility Readily absorbed into soil.

12.5 PBT and PvB assessment

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

12.6 Other adverse effects

Other adverse effects: Negligible ecotoxicity.

13. Disposal Considerations**13.1 Waste treatment methods**

Disposal methods The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. Transport Information

General : The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15. Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for this substance or mixture.**


Specific regulations: Not applicable.

15.2 Chemical Safety Assessment

Safety Assessment A chemical safety assessment has not been carried out.

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.

 Indicates updated section