
SAFETY DATA SHEET

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

1.1. Product identifier

Product Name: Chlorine Reducer
Datasheet Number: 055 1. 1. 0
Chemical Name: Sodium Thiosulphate
Index Number:
EC Number: 231-867-5
CAS No: 7772-98-7

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

Pool/Spa Chlorine Level Reducer

1.3. Details of the supplier of the safety data sheet

Name of Supplier: Plastica Ltd
Address of Supplier: Perimeter House
Napier Road
St Leonards-on-Sea
East Sussex TN38 9NY
United Kingdom
Telephone: +44 (0) 1424 857857
Fax: +44 (0) 1424 857858
Responsible Person:
Email: info@plasticapools.net

1.4 Emergency telephone number 0800 043 0891 - Technical
0800 043 0892 - Emergency

2. Hazards identification

2.1 Classification of the substance or mixture

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]
- Not classified

2.2 Label Elements:

- Label in accordance with (EC) No. 1272/2008
- EC No. 231-867-5
 - No pictograms required

2.3 Other Hazards:

None

3. Composition/information on ingredients

3.2 Mixtures:

Chemical Name	Concentration	CAS Number	EINECS	R/H Phrases	Symbols	CHIP
Sodium Thiosulphate	99%	7772-98-7	231-867-5	n/a	n/a	n/a

4. First Aid Measures:

4.1 Description of first aid measures

- Inhalation: Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
- Ingestion: Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues. Do not induce vomiting.
- Skin contact: Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
- Eye contact: Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed

- Skin contact: There may be irritation.
- Eye contact: May cause temporary eye irritation.

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

- No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

Section 5: Fire-fighting measures

5.1 Extinguishing media

- This product is not flammable. Suitable extinguishing media for the surrounding fire should be used.

5.2 Special hazards arising from the substance or mixture

- Oxides of: Carbon. Sulphur. Hydrogen sulphide (H₂S).

5.3 Advice for firefighters

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

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of dust. Avoid contact with skin and eyes. Provide adequate ventilation.

6.2 Environmental Precautions

- Do not allow to enter public sewers and water courses.
- Contain the spillage using bunding.

6.3 Methods and material for containment and cleaning up

- Collect as much as possible in clean container for reuse or disposal.
- Avoid generation and spreading of dust.
- Flush spill area with copious amounts of water.

6.4 Reference to other sections

- See Section 7 & 8
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Section 7: Handling and storage

7.1 Precautions for safe handling

- Avoid direct contact with the substance.
- Ensure there is sufficient ventilation of the area. Do not handle in a confined space.
- Avoid the formation or spread of dust in the air.

7.2 Conditions for safe storage, including any incompatibilities

- Store in a dry place. Store in a closed container.
- Store in a well-ventilated place. Keep cool.

7.3 Specific end use(s)

- No information available.
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Section 8: Exposure controls/personal protection

8.1 Control parameters

No exposure limits noted for ingredient(s).

8.2 Exposure controls

Protective equipment



Respirator



Goggles



Gloves

- Engineering measures: Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of dust.
- Respiratory equipment: No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m³.
- Hand protection: Use suitable protective gloves if risk of skin contact.
- Eye protection: Wear approved safety goggles.
- Other Protection: Wear rubber apron. Wear rubber footwear.
- Hygiene measures: DO NOT SMOKE IN WORK AREA! Wash hands 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.

Section 9. Physical & Chemical Properties

9.1 Information on basic physical and chemical properties

- Appearance: Powder, dust or Crystals or crystalline
- Colour: White / off-white.
- Melting: point (°C) >48
- pH-Value, Conc. Solution: 7-8 (10% aq)

9.2 Other information

- None

Section 10. Stability and reactivity

10.1 Reactivity

- No specific reactivity hazards associated with this product.

10.2 Chemical stability

- Stable under normal temperature conditions.

10.3 Possibility of hazardous reactions

- Not known.

10.4 Conditions to avoid

- Avoid excessive heat for prolonged periods of time.

10.5 Incompatible materials

- Strong oxidising substances.

10.6 Hazardous Decomposition Products

- Oxides of: Carbon. Sulphur. Hydrogen sulphide (H₂S).

Section 11. Toxicological information

11.1 Information on toxicological effects

- Inhalation: Dust in high concentrations may irritate the respiratory system.
 - Ingestion: May cause discomfort if swallowed.
 - Skin contact: Powder may irritate skin.
 - Eye contact: Particles in the eyes may cause irritation and smarting.
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Section 12. Ecological information

12.1 Toxicity

- Ecotoxicity: Not regarded as dangerous for the environment. The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
- Acute Fish Toxicity: Not considered toxic to fish.

12.2 Persistence and degradability

- The product is biodegradable.

12.3 Bioaccumulation Potential

- No data available.

12.4 Mobility in soil

- Readily absorbed into soil

12.5 Results of PBT and vPvB assessment

- This product is not identified as a PBT substance.

12.6 Other Adverse Effects

- Not applicable.
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Section 13. Disposal considerations

13.1 Waste treatment methods

- Transfer to a suitable container and arrange for collection by specialised disposal company.
NB: The waste must be identified according to the List of Wastes (2000/532/EC)
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Section 14. Transport information

- Not classified.

15 Regulatory information

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

- Statutory Instruments: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).
- Approved Code Of Practice: Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.
- Guidance Notes: CHIP for everyone HSG(108).
- EU Legislation: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out.

16 Other information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of PLASTICA'S limited knowledge and belief, accurate, and reliable as of the date of authorisation of this safety data sheet. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to be satisfied as to the suitability and completeness of such information for the product as used.