



# SAFETY DATA SHEET

## Chlorine Reducer

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SDS Ref: SOL2500  
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### 1 IDENTIFICATION OF CHEMICAL

**Product Name:** Chlorine Reducer  
**Other Names:** Sodium Thiosulphate, Sodium Hyposulphate

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### 2 COMPOSITION

Ingredients	Cas No.	Einecs No.	Phrases
Sodium Thiosulphate	7772-98-7	231-867-5	N/A

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### 3 HAZARD IDENTIFICATION

Low hazard material.

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### 4 FIRST AID

**Skin Contact:** Wash off with soap and water.

**Eye Contact:** Rinse immediately with plenty of water for at least 15 minutes.

**Ingestion:** Drink plenty of water and rinse mouth out. Do not induce vomiting. Seek medical advice.

**Inhalation:** Remove to fresh air.

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### 5 FIRE-FIGHTING MEASURES

Non-flammable.

For fires where product is stored use extinguishing media suitable for source of the fire.

Hazardous decomposition products are Sulphur Dioxide and Hydrogen Sulphide.

**Special Protective Equipment** Self contained breathing apparatus.

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### 6 ACCIDENTAL RELEASE MEASURES

Avoid breathing dust. Wear impervious gloves and eye/face protection.

Do not allow product to enter drains.

Shovel into suitable containers for disposal.

After cleaning flush away traces with water.

## 7 HANDLING AND STORAGE

**Handling:** Wear suitable gloves, protective clothing and eye/face protection and observing good standards of hygiene and working practices. Do not breathe dust. Avoid contact with skin and eyes.

**Storage:** Store in cool dry place. No other special storage conditions required.

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## 8 EXPOSURE CONTROL/PERSONAL PROTECTION

**For Dusts** Personal exposure should be kept below  
10mg m<sup>-3</sup> 8HR TWA Total Inhalable dust  
5mg m<sup>-3</sup> 8HR TWA Respirable dust

**P.P.E.**

<b>Hand:</b>	Rubber/PVC Gloves
<b>Eye:</b>	Safety Goggles
<b>Respiratory:</b>	Wear dustmask when handling bulk quantities
<b>Skin:</b>	Standard Protective Clothing

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	White Crystalline
<b>Melting Point</b>	48°C
<b>pH(10% Soln)</b>	7.0 - 8.0
<b>Solubility</b>	Soluble in water (400g/litre)
<b>Bulk Density</b>	1.69g/cm <sup>3</sup> @ 20°C

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## 10 STABILITY AND REACTIVITY

Stable under normal conditions.

**Hazardous Decomposition Product(s)** Sulphur Dioxide, Hydrogen Sulphide  
**Materials to avoid** Oxidising agents, acids.

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## 11 TOXICOLOGICAL INFORMATION

<b>Route of entry</b>	Inhalation, skin and eyes and ingestion.
<b>Inhalation</b>	Dust is mildly irritating.
<b>Skin</b>	Mild skin irritation.
<b>Eyes</b>	Mild eye irritation.
<b>Ingestion</b>	Low toxicity, acts as a laxative.

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## 12 ECOLOGICAL INFORMATION

<b>Mobility</b>	Soluble in water
<b>Persistence</b>	Biodegradable
<b>Ecotoxicity</b>	Believed to be low

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## 13 DISPOSAL CONSIDERATIONS

**Substance:** Via an authorised waste disposal contractor to an approved waste disposal site.  
Observing all local and national regulations.

**Container** As substance.

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## 14 TRANSPORT INFORMATION

UN No	)	
Primary Hazard	)	
Packing Group	)	Not
Hazard ID No	)	Regulated
Class	)	
ADR/RID Item No	)	
Hazchem	)	
(Emergency Action Code)	)	

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## 15 REGULATORY INFORMATION

<b>Supply Label Details</b>	CHIP 2 1994
<b>Label Name</b>	Sodium Thiosulpahte
<b>Hazard Symbol(s)</b>	None
<b>Risk Phrases</b>	None
<b>Safety Phrases</b>	None
<b>Voluntary Phrases</b>	Not classified under CHIP regulations. Use normal industrial hygiene practice.

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## 16 OTHER INFORMATION

**Recommended uses and restrictions:** No further information.

### Further information Sources:

Sources of key data used to compile Safety Data Sheet.

Approved supply list. Approved carriage list, EH40, ACIGH tables.

**The data in this Safety Data Sheet has been supplied as required by the Chemicals (Hazard Identification and Packaging) Regulations 1997, as amended, for the purpose of protecting the health and safety of industrial users who are deemed capable of understanding and acting on the information provided. Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.**

**This data sheet does not constitute a users assessment of the workplace risk as required by the Health and Safety at Work Act, COSHH, Management of Health and Safety at Work or other health and safety legislation.**