Safety Data Sheet

Legal Disclaimer

The information and recommendations in this publication are, to the best of our knowledge, information and belief, accurate at the date of publication. Nothing herein is to be construed as a warranty, express or implied. In all cases it is the responsibility of the users to determine the applicability of such information or the suitability of any products for their own particular purpose.

1. Identification of Products

Product Name:

Swimmer Chlorine Reducer - 2.0 kg

Product Code:

20 86 568 020

Other names:

Sodium Thiosulphate, Sodium Hyposulphate

Intended use of chemical:

To reduce the levels of Chlorine/Bromine in pool water.

Distributed by: Golden Coast Ltd | Fishleigh Road | Roundswell Commercial Park West | Barnstaple | Devon | EX31 3UA | Tel: 01271 378100 | e-mail: swimmer@goldenc.com

2. Composition

Chemical characterization:

CAS Number:	7772-98-7
Description:	Sodium Thiosulphate
EINECS Number:	231-867-5
EU Number:	

3. Hazard Identification

Non Hazardous.

As a quality assured company we reserve the right to alter and improve the specification of products as deemed necessary. Registered in England and Wales 2420044 VAT Reg. No 540 4110 02

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4. First Aid Measures

After Inhalation:

Remove to fresh air. Seek medical attention where breathing difficulties persist.

After Skin Contact:

Wash off with soap and water.

After Eye Contact:

Rinse immediately with plenty of water for at least 15 minutes. Where irritation persists seek medical attention.

After Ingestion:

Drink plenty of water and rinse mouth out. Do not induce vomiting. Seek medical advice immediately.
When seeking professional medical attention, always show the product label.

5. Fire Fighting Measures

Special Extinguishing Media:

Water spray, carbon dioxide, dry powder.

Special Exposure Hazards in Fire:

Emits toxic fumes under fire conditions.

Special Protective Equipment:

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

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6. Accidental Release Measures

Personal Precautions:

Use appropriate personal protective equipment as detailed in Section 8.

Environmental Precautions:

Do not allow product to enter drains.

Methods for Cleaning:

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

7. Handling and Storage

Personal Protection:

Mix only with water. Always add small quantities of product to water. DO NOT add water to product. Exothermic reaction. Ensure all dispensing devices are clean and free from other chemicals.

Storage:

Keep this product in original, closed container when not in use. Store in a cool, dry, well-ventilated area. Keep this product and all other chemicals out of reach of children.

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8. Exposure Controls / Personal Protection

Workplace Exposure Limits

Ethylene glycol butyl ether

8hr TWA:	ppm:	25
	mg/m³:	-
15min STEL:	ppm:	50
	mg/m³:	-
Authority:		EH40

Potassium Hydroxide

8hr TWA:	ppm:	-
	mg/m³:	-
15min STEL:	ppm:	-
	mg/m³:	2
Authority:		EH40

Hand Protection:

Rubber/PVC Gloves.

Respiratory Protection:

Engineered or sufficient natural ventilation. Where this is not possible wear P2 respiratory protection.

Skin Protection:

Standard protective clothing to prevent dust contact with skin.

Eye Protection:

Safety goggles.

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9. Physical and Chemical Properties

Appearance:	White Crystalline
Melting Point:	48 °C
pH (10% Soln):	7.0 - 8.0
Solubility:	Soluble in water (400 g/litre)
Bulk Density:	1.69 g/cm3 @ 20 °C

10. Stability and Reactivity

Conditions to Avoid:

Stable under most conditions.

Materials to Avoid:

Can react violently with strong oxidizing agents, reacts with acids to release sulphur dioxide.

Hazardous Decomposition Products:

Sulphur dioxide, hydrogen sulphide.

11. Toxicological Information

Inhalation:

May be harmful if inhaled. Dust is mildly irritating to mucous membrane and upper respiratory tract.

Ingestion:

May be harmful if swallowed. Low toxicity, acts as a laxative. May irritate gastric tract causing nausea. Large quantities may depress nervous system.

Skin:

Mild skin irritation. May be harmful if absorbed through the skin. May cause sensitisation for some individuals.

Eyes:

Mild eye irritation.

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12. Ecological Information

Ecotoxicity:
Believed to be low.

Mobility:
Soluble in water.

Persistence and Degradability:
Biodegradable.

13. Disposal Considerations

Substance:
Sweep dry waste and store in clean containers for disposal. Treat as hazardous waste.

Container:
Dispose of in a similar way to the above.

14. Transport Information

Classification:
Non classified.

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15. Regulatory Information

Product Name:
Chlorine Reducer

Symbol:
Not regulated.

Indication(s) of danger:
Not regulated.

Risk phrases:
Not classified.

Safety phrases:
Not classified.

EC No. (if applicable):
231-867-5

16. Other Information

Note:
This data sheet does not constitute a user's assessment of workplace risk as required by HSW act, COSHH, management of health and safety at work regulations, or other health and safety legislation.