

MATERIAL SAFETY DATA SHEET- SODIUM THIOSULPHATE

Kamco Limited

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1. Product name / description:

SODIUM THIOSULPHATE neutralising agent .

2. Composition / information on ingredients:

Blend of crystalline sodium thiosulphate and corrosion inhibitor.

Sodium thiosulphate anhydrous(99%). CAS No: 7772-98-7

3. Hazards identification:

Very mild irritant. May cause eye and skin irritation.

4. FIRST AID MEASURES:

Eyes: Irrigate with fresh water for 15 minutes.

Skin: Wash with soap and water. Wash contaminated clothing before re-use.

Ingestion: Wash out mouth with water. Seek medical attention.

Inhalation: Remove to fresh air.

5. Fire fighting measures:

Non flammable. Use any suitable fire fighting medium for other materials present. Emits toxic fumes under fire conditions.

6. Accidental release measures:

Sweep up and flush to waste with plenty of water.

7. Handling & storage:

Store in a dry place, and avoid damp conditions. Keep lid on when not in use.

8. Exposure controls / personal protection:

Respiratory protection: Avoid breathing dust.

Hand protection: Wear light weight rubber gloves.

Eye protection: Wear goggles or face mask to prevent dust irritation.

9. Physical & chemical properties:

- Appearance: White crystalline powder.
- Density: ca. 1.22 kg / litre.
- Odour: none.
- pH of 10% solution: 7.
- Solubility in water: 230 gm / litre at 20°C.

10. Stability & reactivity:

Conditions to avoid: Extreme temperature.

Materials to avoid: Incompatible with lead, silver, and mercury salts.

Hazardous decomposition products: Sulphur oxides.

11. Toxicological information:

LD50 : 5600 mg / kg

12. Ecological information:

None specific.

13. Disposal considerations:

Dispose of by sweeping up, and flushing to waste with plenty of water.

14. Transport information:

Not required.

15. Regulatory information:

● **RISK PHRASES**

R36 Irritating to eyes.

R37 Irritating to respiratory system.

R38 Irritating to skin.

● **SAFETY PHRASES:**

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36 Wear suitable protective clothing.

16. Other information:

Usual application of product: Neutralising of free chlorine in solution in water during sterilisation of building water services.

Legal disclaimer: The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

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