



Section 1 - Chemical Product and Company Identification

Product Name Thiomersal (Thimerosal) Reagent Grade, 98%
Product Code 85090
CAS No 54-64-8
Use for Laboratory Chemicals.
Company Name Sisco Research Laboratories Pvt. Ltd.
Address 608, B Wing, Satellite Gazebo, Andheri Ghatkopar Link Road,
Andheri (E), Mumbai - 400 099, India

Section 2 - Composition/Information on Ingredients

CAS#	Chemical Name:	%	EINECS#
54-64-8	Thimerosal	99%	200-210-4

Section 3 - Hazards Identification

Risk advice to man and the environment

Toxic if swallowed. Very toxic in contact with skin. Irritating to eyes, respiratory system and skin.

Section 4 - First Aid Measures

Eyes: Flush eyes with water as a precaution.

Skin: Wash off with soap and plenty of water.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.

Inhalation: If breathed in, move person into fresh air. If not breathing give artificial respiration.

Notes to Physician:

Section 5 - Fire Fighting Measures

Extinguishing Media

Suitable: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Protective

Equipment For Firefighters: Wear self-contained breathing apparatus for fire fighting if Necessary

Section 6 - Accidental Release Measures

Personal precautions: Avoid breathing dust. **Environmental precautions:** Do not let product enter drains.

Methods for cleaning up: Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7 - Handling and Storage

Handling: Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage: Store in cool place. Keep container tightly closed in a dry and well-ventilated place.



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Section 8 - Exposure Control / Personal Protection

Personal Protective Equipment

Respiratory Protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand Protection: For prolonged or repeated contact use protective gloves.

Eye Protection: Safety glasses

Hygiene measures: General industrial hygiene practice.

Section 9 - Physical and Chemical Properties

Physical State: powder Colour: white **Flash point:** 250 °C - closed cup

Molecular Weight: 404.81 g/mol

Molecular formula: C₉H₉SO₂HgNa

Section 10 - Stability and Reactivity

Storage stability: Stable under recommended storage conditions.

Materials to avoid: Strong oxidizing agents

Section 11 - Toxicological Information

Acute toxicity

LD50 Oral - rat - 75 mg/kg

Behavioral: Ataxia. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Nutritional and Gross Metabolic: Changes in: Metabolic acidosis.

LD50 Subcutaneous - rat - 98 mg/kg .

Potential Health Effects

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Skin: May be harmful if absorbed through skin. May cause skin irritation.

Eyes: May cause eye irritation.

Ingestion: May be harmful if swallowed.

Section 12 - Ecological Information

No data available.

Section 13 - Disposal Considerations

Product: Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging: Dispose of as unused product.

Section 14 - Transport Information



Product Code	85090		
	IATA	IMO	RID/ADR
Shipping Name:	SOLID, N.O.S. (Thimerosal)		
Hazard Class:	6.1	6.1	6.1
UN Number:	2025	2025	2025
Packing Group:	III	III	III

Section 15 - Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Section 16 - Other Information

Sisco Research Laboratories Pvt. Ltd. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.