

Safety Data Sheet

MANUFACTURER



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1. Product Identification

Trade Name: Thiol Assay Kit with Purification
CAS No.: N/A
Molecular Weight: N/A

Chemical Formula: N/A
Part No.: CM90005

2. Composition and Information on Ingredients:

Each kit includes:

- 1) Two 2.0 mL microcentrifuge tubes containing less than 1 gram of lyophilized buffer salt (non-hazardous)
- 2) A 15 mL tube containing 12 mL of Buffer A (non-hazardous)
- 3) A tube containing 2 mL of solution A (non-hazardous)
- 4) A plastic bag containing ten spin columns, ten 1.5 mL centrifuge tubes, and ten 0.5 mL microcentrifuge tubes (non-hazardous)

3. Hazards Identification

Emergency Overview

OSHA Hazards: No known OSHA hazards

HMIS Classification

Health Hazard: 0

Chronic Health Hazard: 0

Flammability: 0

Physical hazards: 0

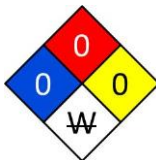
HEPA Rating

Health Rating: 0

Flammability Rating: 0

Reactivity Rating: 0

Water Reactive: W



Personal Protective Equipment (PPE): GOGGLES, LAB COAT, VENT HOOD, PROPER GLOVES.

Potential Health Effects

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

Ingestion: May be harmful if swallowed.

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

Eye Contact: May cause eye irritation.

Chronic Exposure: No information available.

4. First Aid Measures

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion: If swallowed, DO NOT INDUCE VOMITING without medical advice. Rinse mouth with water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Skin Contact: Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally.

5. Fire Fighting Measures

Fire: Flash point: Undetermined; Ignition temperature: Undetermined

Explosion: Unknown

Fire Extinguishing Media: Not flammable or combustible.

6. Accidental Spill Measures

Wear appropriate personal protective equipment. Isolate hazard area. Do not flush to sewer. Sweep up and shovel into suitable, closed containers for disposal.

7. Handling and Storage

Handling: provide appropriate exhaust ventilation at places where dust is formed.

Storage: Long term storage should be at 2-8 °C. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits: None established.

Ventilation System: A system of local exhaust ventilation is generally preferred.

Breathing apparatus only if aerosol or dust is formed.

Skin Protection: Wear impervious protective clothing, including: gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Eye Protection: Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

9. Physical and Chemical Properties

Appearance: see kit information (section 2)

Odor: No information available.

Solubility: No information available.

Specific Gravity: No information available.

pH: No information available.

Melting Point: No information available.

Boiling Point: No information available.

Vapor Density (Air=1): No information available.

Vapor Pressure (mm Hg): No information available.

Evaporation Rate (BuAc=1): No information available.

10. Stability and Reactivity

Stability: Stable under recommended storage condition.

Hazardous Decomposition Products: Hazardous decomposition products formed under

Fire Conditions: Nature of decomposition products not known.

Hazardous Polymerization: Will not occur.

Incompatibilities: Strong oxidizers.

Conditions to Avoid: Strong acids and strong bases.

11. Toxicological Information

Oral LD50: No data available.

Chronic Effects on Humans: No data available.

Other Toxic Effects on Humans: No data available.

Special Remarks on Toxicity to Animals: No data available.

Special Remarks on Chronic Effects on Humans: No data available.

Special Remarks on other Toxic Effects on Humans: No data available.

12. Ecological Information

Environmental Fate: No information available.

Environmental Toxicity: No information available.

13. Disposal Considerations

Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

DOT (US): Not dangerous goods

IATA: Not dangerous goods

IMDG: Not dangerous goods

15. Regulatory Information

OSHA Hazards: No known OSHA hazards

SARA 302 Components: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards: No SARA hazards.

Massachusetts Right To Know Components: No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components: No components are subject to the Pennsylvania Right to Know Act.

New Jersey Right To Know Components: No components are subject to the New Jersey Right to Know Act.

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

16. Other Information

References:

Chemical Abstract databases. OSHA, SARA. Other similar compound's MSDS.

Other Special Considerations: Not available.

Created: Aug. 21, 2020

Revision Information: Version 0

Last Updated: Nov. 11, 2022

Product Use: Laboratory Reagent.

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Prepared by: CellMosaic, Inc. Health and Safety