

# 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 10 mL of Buffer A (non-hazardous)
- 3) A 2.0 mL tube containing 1 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

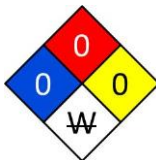
### HEPA Rating

**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:** Aug. 21, 2020

**Product Use:** Laboratory Reagent.

### Disclaimer:

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**Prepared by:** CellMosaic, Inc. Health and Safety