Safety Data Sheet

MANUFACTURER

CellMosaic, Inc.
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General Information

Trade Name: Thiol Assay Kit with Purification
Part No. Covered by this SDS: CM90005

Product Content

1) Two 2.0 mL microcentrifuge tubes containing less than 1 gram of lyophilized buffer salt (non-hazardous), P/N CM13006 and CM13007.
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).

Handling and Storage for Hazardous Chemicals

There are no hazardous chemicals in this kit.

Transportation

DOT (US): Not dangerous goods.
IATA: Not dangerous goods.
IMDG: Not dangerous goods.

Supplemental information starts from next page.

Reagent (CM13006) and Blank (CM13007)

SECTION 1. Identification of the substance/mixtures and of the company/undertaking

1.1 Product identifiers

Product Name: Reagent and Blank.
Product No.: CM13006, CM13007.

1.2 Detail of the supplier of the safety data sheet

Company: CellMosaic, Inc. 10A Roessler Road, Woburn, MA 01801, Phone: +1 781-463-0002.

SECTION 2. Hazards Identification

2.1. Classification of the substance or mixture

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS).

2.2. Label elements, including precautionary statements.

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS).

SECTION 3. Composition and Information on Ingredients

Ingredients:
1) Two 2.0 mL microcentrifuge tubes containing less than 1 gram of lyophilized buffer salt (non-hazardous).

SECTION 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.

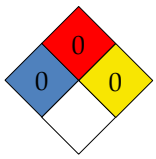
SECTION 5. Fire Fighting Measures

5.1. Flammability

Flash Point: Not available.
Autoignition Temperature: Not available.
Flammable Limits: Not available.
Products of Combustion: Not Available.
Specific Fire Hazards: As in any fire, always wear self-contained breathing apparatus in pressure-demand (MSA/NIOSH approved or equivalent), and full protective gear. Use water spray to keep fire exposed containers cool. Approach fire from upwind to avoid hazardous vapors and toxic decomposition products.
Specific Explosion Hazards: Will not explode.
Fire Fighting Media: Use water spray, or appropriate foam.

5.2. NFPA

Health Rating: 0
Flammability Rating: 0
Reactivity: 0
Specific Hazard: N/A



SECTION 6. Accidental Release Measures

Wear appropriate personal protective equipment. Isolate hazard area. Sweep up and shovel into suitable, closed containers for disposal.

SECTION 7. Handling and Storage

Handling: **P**rovide 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.

SECTION 8. Exposure Controls/Personal Protection

Engineering Controls: Facilities for storing or using the material should be equipped with an eyewash station and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.
Personal Protective Equipment: Wear protective chemical goggles or other appropriate eye protection. Use compatible chemical-resistant gloves and protective clothing to prevent skin exposure. Always use a NIOSH or European Standard EN 149 approved respirators when necessary.
Full contact Material:
Nitrile rubber.
Minimum layer thickness: 0.11 mm Break through time: 480 min.
Work/Hygienic/Maintenance Practices: Do not take internally.
Exposure Limits: None established.

SECTION 9. Physical and Chemical Properties

Appearance: Liquid or solid powder.
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.

SECTION 10. Stability and Reactivity

Stability: Stable under recommended storage condition.
Hazardous Decomposition Products: Nature of decomposition products not known.
Hazardous Polymerization: Will not occur.
Incompatibilities: Strong oxidizers.
Conditions to Avoid: Strong acids and strong bases.

SECTION 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.

SECTION 12. Ecological Information

Environmental Fate: No information available.
Environmental Toxicity: No information available.

SECTION 13. Disposal Considerations

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

SECTION 14. Transport Information

DOT (US): Not dangerous goods.
IATA: Not dangerous goods.
IMDG: Not dangerous goods.

SECTION 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 the State of California to cause cancer, birth, or any other reproductive defects.

SECTION 16. Other Information

References: This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and WHMIS Controlled Products Regulation, Chemical Abstract databases, Superfund Amendments and Reauthorization Act (SARA) and other similar compound's SDS.
Other Special Considerations: Not available.

Created: Aug. 21, 2020
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Product Use: Laboratory Reagent

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Prepared by: CellMosaic, Inc. Health and Safety.