



Safety Data Sheet

MANUFACTURER

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General Information

Trade Name: Maleimide Activated KLH ML
Part No. Covered by this SDS: CM52146-1x2MG, CM52146-3x2MG

Product Content

1) One or three 1.5 mL centrifuge tube(s) containing 2 mg of Maleimide activated KLH ML in PBS buffer.

Handling and Storage for Hazardous Chemicals

Handling for **Maleimide Activated KLH ML**: See attached supplemental information.

Transportation

DOT (US): Not dangerous goods.

IATA: Not dangerous goods.

IMDG: Not dangerous goods.

Supplemental information starts from next page.

Maleimide Activated KLH ML

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

1.1 Product identifiers

Product Name: Maleimide Activated KLH ML

Product No.: CM52146

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

No pictogram necessary

Eye Irritation Mildly irritating to eyes (Category 2B)

2.2. GHS Label elements, including precautionary statements.

Signal Word: none

Hazard Statement(s): None

Precautionary Statement(s):

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P281 – Use personal protective equipment as required.

P264 – Wash hands thoroughly after handling.

P305+P351+P338 IF IN EYES – Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

SECTION 3. Composition and Information on Ingredients

Ingredient	CAS No.	Percent	Hazardous
Maleimide activated KLH ML in phosphate buffered saline (PBS)	N/A	0.5-1% (>99% of phosphate buffer saline powder)	NO

SECTION 4. First Aid Measures

Inhalation: Remove to fresh air. If not breathing, give artificial respiration.

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

Skin Contact: Wash off with soap and plenty of water.

Eye Contact: Flush eyes with water as a precaution.

SECTION 5. Fire Fighting Measures

5.1 Flammability

Products of Combustion: May decompose into carbon oxides, ammonia.

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: No information available

Fire Fighting Media: Use water spray, or appropriate foam.

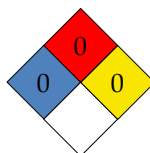
5.2 NFPA

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. Do not flush to sewer. Sweep up and shovel into suitable, closed containers for disposal.

SECTION 7. Handling and Storage

Handling: Maleimide activated KLH in PBS is generally safe to handle and shall be handled and use personal protective equipment as required.

Storage: Stable at RT. Recommended long term storage temperature: -20 °C.

SECTION 8. Exposure Controls/Personal Protection

Control parameters:

Components with workplace control parameters: Contains no substances with occupational exposure limit values.

Exposure controls:

Appropriate engineering controls: General industrial hygiene practice

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.

SECTION 9. Physical and Chemical Properties

Appearance: Clear buffered solution.

Odor: No odor.

Solubility: Water.

Specific Gravity: No information available.

pH: 7.

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: No data available.

Fire Conditions: Nature of decomposition products not known.

Hazardous Polymerization: Will not occur.

Incompatibilities: Strong oxidizers.

Conditions to Avoid: No data available.

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.

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Last Updated: NA

Revision Information: Version 0

Product Use: Laboratory Reagent

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Prepared by: CellMosaic, Inc. Health and Safety