

Date of Issue: 04/15/21

Version 00

Previous Date of Issue: N/A

Previous Version: N/A

Section 1. Product and Company Identification

Product Name: ChromaLINK® Biotin Maleimide
Catalog No.: B-1012-010

Manufacturer/Supplier USA:

Vector Laboratories, Inc.

30 Ingold Road

Burlingame, CA 94010

United States

Tel: (650) 697-3600 Fax: (650) 697-0339

Email: vector@vectorlabs.com

For Research Grade Use Only.

Section 2. Hazards Identification

GHS Classification:

Non-hazardous substance or mixture.

GHS Label: Non-hazardous substance or mixture.

Hazards not otherwise classified (HNOC) or not covered by GHS: None

Section 3. Composition/Information on Ingredients

CAS Number: Custom synthesized compound. No CAS Number.

Components: Single compound.

Molecular Formula: C₄₀H₅₃N₉O₉S

Molecular Weight: 836.0

No known hazard is associated with this compound.

Section 4. First Aid Measures

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

Skin contact: Immediately wash skin with soap and copious amounts of water.

Eye Contact: Immediately flush eyes with copious amounts of water for at least 15 minutes.

Ingestion: If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Other: Wash contaminated clothing before re-use.

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Section 5. Fire Fighting Measures

Materials contained in this product are not considered to be a fire hazard.

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire. Use extinguishing media appropriate for surrounding fire such as water spray, carbon dioxide, dry powder. Wear full protective clothing and NIOSH-approved self-contained breathing apparatus. Avoid inhalation of material or combustion by products.

Special protective equipment: Use respirator for firefighting if necessary.

Section 6. Accidental Release Measures

Wear protective clothing to prevent contact with eyes and skin. Ensure adequate ventilation. Collect on absorbent material and dispose of according to federal, state and local environmental regulations. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7. Handling and Storage

Handling: Use only with adequate ventilation. Wear eye protection and compatible chemical-resistant gloves. Handle in accordance with good industrial hygiene and safety practice.

Storage: Keep container tightly closed and store according to product label.

Section 8. Exposure Controls/Personal Protection

Exposure limits: Contains no substances with occupational exposure limit values.

Engineering controls: Use enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below recommended exposure limits.

Personal protection:

Hand protection - Compatible chemical-resistant gloves.

Eye protection - Chemical safety goggles.

Skin protection - Lab coat.

Section 9. Physical and Chemical Properties

Appearance: Yellow powder

Percent Purity: >90%

Boiling point: NA

Melting point: NA

Specific Gravity: NA

Freezing Point: NA

Vapor Pressure: NA

Vapor Density: NA

Solubility: Only slightly soluble in aqueous solutions, soluble in DMF and DMSO solvents

Evaporation Rate: NA

Section 10. Stability and Reactivity

Chemical stability: This compound is considered stable when stored under recommended storage conditions.

Conditions to avoid: Susceptible to aqueous hydrolysis, avoid exposure to aqueous solutions before use.

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Materials / Chemicals to be avoided: Aromatic hydrazines decompose on exposure to oxidizing agents and metals.

Hazardous reactions/decomposition products: Carbon monoxide, carbon dioxide.

Hazardous Polymerizations: UnKnown.

Section 11. Toxicological Information

Acute Oral Toxicity: No data available.

Acute Inhalation Toxicity: No data available.

Carcinogenicity:

NTP: Unknown

IARC: Unknown

OSHA: Unknown

Section 12. Disposal Considerations

Discard any product, residue, disposable container or liner in full compliance with national regulations. Observe all federal, state, and local environmental regulations.

Section 13. Transport Information

DOT (US): Not dangerous goods.

RID/ADR: Not regulated.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

Section 14. Regulatory Information

Substances of Very High Concern: None

SARA:

SARA 302 - No chemicals in this material are subject to the reporting requirements.

SARA 313 - No chemicals in this material with known CAS #s are subject to the reporting requirements.

SARA 311/312 Hazards - No SARA Hazards.

California Prop. 65 components:

This product does not contain any chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

Section 15. Other Information

Date of Issue or Revision: March 11, 2021

The information contained in this Safety Data Sheet is believed to be accurate, but it is the responsibility of the user to determine the applicability of this data to necessary safety precautions. Vector Laboratories, Inc. shall not be held responsible for any damage resulting from the use of the above product or the information contained in this Safety Data Sheet.

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