

923 Thompson Place, Sunnyvale, CA 94085 Tel: 408-733-1055; Fax: 408-733-1304

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www.abdbioguest.com; www.bioconjugation.com

# **Material Safety Data Sheet (MSDS)**

Revision Number: 1.0 Last updated August 2006

#### **Product and Company Identification**

Product Name: Biotin-X, succinimidyl ester

Catalog Number: 3010 Unit Size: 100 mg

Manufacturer/Supplier: ABD Bioquest, Inc.

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# **Composition / Information on Ingredients**

Molecular Formula: Proprietary Molecular Weight: 454.54 CAS Number/Name: N/A

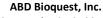
## **Hazards Identification**

*Emergency Overview:* Avoid contact and inhalation. To our knowledge, the hazards of this material have not been thoroughly investigated. We recommend handling all chemicals with caution.

Potential Health Effects

Inhalation:Not determinedIngestion:Not determinedSkin:Not determinedEyes:Not determinedChronic Exposures:Not determinedTarget Organs:Not determined

Potentially harmful. Avoid prolonged or repeated exposure. Wash thoroughly after handling. If eye or skin contact occurs, immediately wash affected area with soap and copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician to seek medical advice. If swallowed, wash out mouth with water provided person is conscious and call a physician to seek medical advice. If inhaled, move individual to fresh air and call a physician to seek medical advice.





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**Fire Fighting Measures** 

Extinguishing media: Water spray, carbon dioxide, dry chemical powder or appropriate

foam.

Special firefighting procedures: Wear self-contained breathing apparatus and protective clothing to

prevent contact with skin and eyes.

Unusual fire and explosions hazards: Emits toxic fumes under fire conditions.

#### **Accidental Release Measures**

Use appropriate protective equipment and methods to clean up spilled substances promptly. Absorb spill onto an appropriate material. Collect and dispose of all waste in accordance with applicable laws.

# **Handling and Storage**

Desiccation recommended. Store at <= -20°C.

Protect material from long-term exposure to light; may be exposed to light for short periods of time.

# **Exposure Controls / Personal Protection**

Wear appropriate gloves, protective clothing and eyewear and follow safe laboratory practices.

#### **ACGIH/OSHA Permissible Exposure Limit Data:**

Not determined

# **Physical and Chemical Properties**

Form: Solid

Odor: Not determined

Solubility in Water: Low

Specific Gravity:Not determinedpH:Not determinedBoiling Point:Not determinedMelting Point:Not determinedFlash Point:Not determinedVapor Pressure:Not determined

# **Stability and Reactivity**

Thermal Decomposition: No decomposition if used according to specifications.

Dangerous Products of Decomposition: No dangerous decomposition products identified.

Dangerous Reactions: No dangerous reactions identified.

# **Toxicological Information**

RTECS Number: None known

Toxicity: We are not aware of any toxicity data for this product.

Health Hazards: Not thoroughly investigated.

Potential Hazards: The complete properties have not been investigated; however,

similar compounds are known to be chemically reactive with



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proteins and other biochemicals and should be treated as potentially

hazardous.

Carcinogenicity: Not listed by NTP, IARC or OSHA.

# **Ecological Information**

Do not allow product to reach ground water, water course, or sewage system.

# **Disposal Considerations**

Consult local, state or national regulations for proper disposal.

## **Transport Information**

Hazard Class:Not determinedIdentification Number:Not determinedPacking Group:Not classifiedProper Shipping Name (TechnicalNot determined

Name):

## Regulations

US Toxic Substances Control Act Not listed

(TSCA):

US Other: Not applicable
EEC EINICS Number: Not identified
Other Country Regulations: None identified
EEC Risk Statements: Not determined

#### **Other Information**

This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Users should make independent decisions regarding completeness of the information based on all sources available. ABD Bioquest shall not be held liable for any damage resulting from handling or from contact with the above product.