Material Safety Data Sheet

Revision Number: 1.6

Revision Date: 03-Aug-2004

Product and Company Identification

Product Name: Alexa Fluor® 633 carboxylic acid, succinimidyl ester

Catalog Number: A20005

Unit Size: 1 mg

Manufacturer/Supplier: Molecular Probes, Inc.
29851 Willow Creek Road, Eugene, OR 97402-9132, USA
For US and Canada, Toll-Free Phone: 1-800-438-2209 · Fax: 1-800-438-0228
Phone: (541)465-8300 · Fax: (541)335-0305 · Web: http://probes.invitrogen.com
Technical Assistance: (541)335-0353 · E-mail: probestech@invitrogen.com

Emergency Information: **24-HOUR EMERGENCY PHONE 1-800-255-3924** (toll free in U.S. and Canada) **813-248-0585** (for calls originating elsewhere, collect calls accepted).

Composition / Information on Ingredients

- Alexa Fluor® 633 carboxylic acid, succinimidyl ester

Molecular Formula: N/A

Molecular Weight: ~1200

CAS Number/Name: Trade Secret

Hazards Identification

Emergency Overview: The complete properties have not been investigated; however, similar compounds are known to be chemically reactive with proteins and other biochemicals and should be treated as potentially hazardous.

Potential Health Effects

Inhalation: Not determined

Ingestion: Not determined

Skin: Not determined

Eyes: Not determined

Chronic Exposures: Not determined

Target Organs: Not determined

First Aid Measures

Potentially harmful. Avoid prolonged or repeated exposure. Wash thoroughly after handling. If eye or skin contact occurs, wash affected area with water for 15 minutes and seek medical advice. If inhaled, move individual to fresh air and seek medical advice. If swallowed, seek medical advice.

Fire Fighting Measures

Use dry chemical powder or appropriate foam extinguisher.

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 required. 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:	Not disclosed
Odor:	Not disclosed
Solubility in Water:	Not disclosed
Specific Gravity:	Not disclosed
pH:	Not disclosed
Boiling Point:	Not disclosed
Melting Point:	Not disclosed
Flash Point:	Not disclosed
Vapor Pressure:	Not disclosed

Stability and Reactivity

Thermal Decomposition: No decomposition if used according to specifications.

Dangerous Reactions: No dangerous reactions identified.

Dangerous Products of Decomposition: No dangerous decomposition products identified.

Toxicological Information

RTECS Number:	Not disclosed
Toxicity:	We are not aware of any toxicity data for this product.
Health Hazards:	See Potential Hazards below.
Potential Hazards:	The complete properties have not been investigated; however, similar compounds are known to be chemically reactive with 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 determined
Identification Number:	Not disclosed
Packing Group:	Not classified

Proper Shipping Name (Technical Name): Not disclosed

Regulations

US Toxic Substances Control Act (TSCA): Not disclosed

US Other: Not disclosed

EEC EINECS Number: Not disclosed

EEC Risk Statements: Not disclosed

Other Country Regulations: Not disclosed

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 correct to the best of our knowledge. Users should make independent decisions regarding completeness of the information based on all sources available. Molecular Probes shall not be held liable for any damage resulting from handling or contact with the above product.