

Material Safety Data Sheet (MSDS)

Revision Number: 1.0	Last updated January 2013
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1) Product and Company Identification

Product Name:	Streptavidin labeled with FITC, HFTM 680, HFTM750, FAM, HFTM 488, HFTM555, HFTM647, TAMRA, HFTM TR, HFTM405, HFTM594
Manufacturer/Supplier:	AnaSpec, Inc. www.anaspec.com 34801 Campus Drive Fremont, CA 94555 Tel: 510-791-9560 Fax: 510-791-9572 Email: service@anaspec.com
Catalog Number	60659-FITC, 60659-H680, 60659-H750, 60664, 60665, 60666, 60667, 60670, 60671, 60672-H405, 60672-H594
Unit Size	1mg

2) Hazards Identification

Emergency Overview:

GHS Hazard Classification:

GHS Physical Hazards

None

GHS Health and Environmental Hazards

H316 Causes mild skin irritation

H320 Causes mild eye irritation

GHS Signal Words

Warning

GHS Hazard Statements:

None

GHS Precautionary Statements:

P280 Wear Eye Protection

HMIS Classification

Health hazard: 1

Flammability: 0

Physical hazards: 0

NFPA Rating

Health hazard: 1

Fire: 0

Reactivity Hazard: 0

AnaSpec Inc.

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3) Composition / Information on Ingredients*Ingredients/Components:*

<i>Chemical Name:</i>	<i>CAS Number:</i>
Streptavidin labeled with FITC, HFT TM 680, HFT TM 750, FAM, HFT TM 488, HFT TM 555, HFT TM 647, TAMRA, HFT TM TR, HFT TM 405, HFT TM 594	N/A
10mM phosphate, 150mM NaCl pH 7.2, 1mg/mL BSA, 2mM sodium azide	N/A

4) First Aid Measures

<i>Inhalation:</i>	Move subject to fresh air. If breathing is difficult, give oxygen. Give artificial respiration if breathing has stopped. Get prompt medical attention.
<i>Ingestion:</i>	Do NOT induce vomiting. If swallowed, wash out mouth with water if subject is conscious. Immediately consult a physician. Never give anything by mouth to an unconscious person.
<i>Skin:</i>	Remove contaminated clothing. Wash skin thoroughly with soap and water. Consult a physician.
<i>Eyes:</i>	Immediately flush eyes with large amount of water for at least 15 minutes. Consult a physician.

5) Fire Fighting Measures

<i>Extinguishing media:</i>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<i>Special firefighting procedures:</i>	None
<i>Unusual fire and explosions hazards:</i>	None

6) Accidental Release Measures

<i>Spill response</i>	Soak up with inert absorbent material.
<i>Containment</i>	None.
<i>PPE</i>	Gloves, lab coat, goggles

7) Handling and Storage

Store at -20 °C

8) Exposure Controls / Personal Protection

<i>Engineering controls</i>	None
<i>PPE</i>	Wear goggles, gloves and lab coat when handling this product

9) Physical and Chemical Properties

<i>Physical State</i>	Liquid
<i>Odor</i>	Not determined
<i>Solubility in Water</i>	Soluble
<i>Specific Gravity</i>	Not determined
<i>pH</i>	7.2
<i>Boiling Point</i>	Not determined
<i>Melting Point</i>	Not determined
<i>Flash Point</i>	Not determined
<i>Vapor Pressure:</i>	Not determined
<i>Vapor Density:</i>	Not determined

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10) Stability and Reactivity

<i>Thermal Decomposition</i>	Stable under recommended storage conditions
<i>Dangerous Products of Decomposition</i>	None
<i>Dangerous Reactions</i>	No dangerous reactions known.

11) Toxicological Information

<i>RTECS Number</i>	Not listed.
<i>Toxicity</i>	Not identified
<i>Health Hazards</i>	May cause skin irritation. May cause eye irritation. May be harmful if inhaled. May be harmful if swallowed.
<i>Potential Hazards</i>	Not identified
<i>Carcinogenicity:</i>	Not listed by NTP, IARC, or OSHA
<i>OSHA Permissible Exposure Limit (PEL) Data</i>	Not identified
<i>ACGIH Threshold Limit Values (TLV)</i>	Not identified

12) Ecological Information

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

13) Disposal Considerations

Consult local, state, or national regulations for proper disposal.

14) Transport Information

<i>Hazard Class</i>	This substance is considered to be non-hazardous for transport
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15) Regulatory Information

California Proposition 65: Not Listed
US TSCA (Toxic Substance Control Act): Not Listed
US CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act): Not Listed
US SARA Title III (Superfund Amendments and Reauthorization Act): Not Listed
US Other: Not listed
EC EINICS (European Inventory of Existing Commercial Chemical Substances) Number: Not Listed
EC Risk Statements: Not Determined
Other Country Regulations: Not Determined

16) Other Information

It is not intended for food, drug, household, agricultural or cosmetic use. A technically qualified individual experienced in handling potentially hazardous chemicals must supervise its use. 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. AnaSpec shall not be held liable for any damage resulting from handling or from contact with the above product.

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