

Material Safety Data Sheet (MSDS)

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

Product Name:	Human Sirtuin 2
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	72187
Unit Size	10 µg

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:

H302 Harmful if swallowed.

GHS Precautionary Statements:

None

HMIS Classification

Health hazard: 0

Flammability: 0

Physical hazards: 0

NFPA Rating

Health hazard: 0

Fire: 0

Reactivity Hazard: 0

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

<i>Chemical Name:</i>	<i>CAS Number:</i>
Human Sirtuin 1	N/A
25 mM Tris-HCl, pH 8.0, 100 mM NaCl, 0.05% Tween-20, 50% glycerol, 3 mM DTT	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>	None
<i>Special firefighting procedures:</i>	None
<i>Unusual fire and explosions hazards:</i>	None

6) Accidental Release Measures

<i>Spill response</i>	None
<i>Containment</i>	None
<i>PPE</i>	Use personal protective equipment

7) Handling and Storage

Store at -80 °C

8) Exposure Controls / Personal Protection

<i>Engineering controls</i>	None
<i>PPE</i>	None

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>	8.0
<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>	Not Applicable
<i>Dangerous Products of Decomposition</i>	Not Applicable
<i>Dangerous Reactions</i>	Not Applicable

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 swallowed May be harmful if absorbed through skin.
<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 EINECS (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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