

Safety Data Sheet (SDS)

Revision Number: 1.1	Last updated: January, 2021
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1) Product and Company Identification

Product Name:	BSA-Biotin Conjugate
Manufacturer/Distributor:	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:	AS-72264
Unit Size:	10 mg

2. Hazards Identification

<u>Emergency Overview:</u>	
GHS Hazard Classification:	Non-hazardous
GHS Physical Hazards:	None
GHS Health and Environmental Hazards:	None
GHS Signal Words:	None
GHS Hazard Statements:	None
GHS Precautionary Statements:	None
<u>HMIS Classification:</u>	
Health hazard:	0
Flammability:	0
Physical hazards:	0
<u>NFPA Rating:</u>	
Health hazard:	0
Fire:	0
Reactivity Hazard:	0

3. Composition / Information on Ingredients

<u>Ingredients/Components:</u>					
This product contains 0.02 % Sodium azide (the quantity is below GHS cut-off value: 1.0%)					
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="padding: 2px;">Chemical Name</th> <th style="padding: 2px;">CAS Number</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">PBS buffer (<100%)</td> <td style="padding: 2px;">N/A</td> </tr> </tbody> </table>	Chemical Name	CAS Number	PBS buffer (<100%)	N/A	
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4. First Aid Measures

<u>Inhalation:</u>	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
<u>Ingestion:</u>	Never give anything by mouth to an unconscious person. Rinse mouth with water.
<u>Skin:</u>	Wash off with soap and plenty of water.
<u>Eyes:</u>	Flush eyes with water for at least 15 minutes. Consult a physician.

<u>5. Fire Fighting Measures</u>	
<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 explosion hazards</i>	None
<u>6. Accidental Release Measures</u>	
<i>Spill response:</i>	Wear appropriate personal protective equipment (impervious gloves). Absorb spill with paper towel and dispose into biohazard waste.
<i>Containment materials:</i>	None
<i>PPE</i>	Gloves, lab coat and goggle
<u>7. Handling and Storage</u>	
Keep in a tightly closed container. Store in 4 °C for short-time and -20°C for long-time storage.	
<u>8. Exposure Controls / Personal Protection</u>	
<i>Engineering controls:</i>	General industrial hygiene practice.
<i>PPE:</i>	Use good hygiene practices when handling this material. Safety glasses and lab coat are recommended.
<u>9. Physical and Chemical Properties</u>	
<i>Physical State</i>	Liquid
<i>Odor:</i>	Odorless
<i>Solubility in Water</i>	Soluble
<i>Specific Gravity</i>	Not determined
<i>pH:</i>	Neutral
<i>Boiling Point:</i>	Not available
<i>Melting Point:</i>	Not available
<i>Flash Point:</i>	Not available
<i>Vapor pressure:</i>	Not available
<i>Vapor density:</i>	Not available
<u>10. Stability and Reactivity</u>	
<i>Thermal Decomposition:</i>	Stable under recommended storage conditions
<i>Dangerous Products of Decomposition:</i>	None
<i>Dangerous Reactions:</i>	No dangerous reactions known.
<u>11. Toxicological Information</u>	
<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, OSHA, or ACGIH
<i>OSHA Permissible Exposure Limit (PEL) Data</i>	Not identified

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ACGIH Threshold Limit Values (TLV)	Not identified												
<u>12. Ecological Information</u>													
No available information													
<u>13. Disposal Considerations</u>													
Consult local, state, or national regulations for proper disposal.													
<u>14. Transport Information</u>													
Hazard Class	This substance is considered to be non-hazardous for transport												
<u>15. Regulatory Information</u>													
<p>SARA 302 Components <i>No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.</i></p> <p>SARA 313 Components <i>This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.</i></p> <p>SARA 311/312 Hazards <i>No SARA Hazards</i></p> <p>Massachusetts Right To Know Components <i>No components are subject to the Massachusetts Right to Know Act.</i></p> <p>Pennsylvania Right To Know Components</p> <table> <tr> <td><i>Serum albumin</i></td> <td><i>CAS-No.</i></td> <td><i>Revision Date</i></td> </tr> <tr> <td></td> <td>9048-46-8</td> <td>N/A</td> </tr> </table> <p>New Jersey Right To Know Components</p> <table> <tr> <td><i>Serum albumin</i></td> <td><i>CAS-No.</i></td> <td><i>Revision Date</i></td> </tr> <tr> <td></td> <td>9048-46-8</td> <td>N/A</td> </tr> </table> <p><i>California Proposition 65: Not Listed</i> <i>US TSCA (Toxic Substance Control Act): Not Listed</i> <i>US CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act): Not Listed</i> <i>US SARA Title III (Superfund Amendments and Reauthorization Act): Not Listed</i> <i>US Other: Not listed</i> <i>EC EINICS (European Inventory of Existing Commercial Chemical Substances) Number: Not Listed</i> <i>EC Risk Statements: Not Determined</i> <i>Other Country Regulations: Not Determined</i></p>		<i>Serum albumin</i>	<i>CAS-No.</i>	<i>Revision Date</i>		9048-46-8	N/A	<i>Serum albumin</i>	<i>CAS-No.</i>	<i>Revision Date</i>		9048-46-8	N/A
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<u>16. Other Information</u>													
<p>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.</p>													

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