1) Product and Company Identification

**Product Name:**
BSA-HiLyte™ Fluor 488 Conjugate
BSA-HiLyte™ Fluor 555 Conjugate
BSA-HiLyte™ Fluor 647 Conjugate
BSA-HiLyte™ Fluor 750 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-72265, AS-72266, AS-72267, AS-72268

**Unit Size:**
5 mg

2. Hazards Identification

**Emergency Overview:**

- **GHS Hazard Classification:** Non-hazardous
- **GHS Physical Hazards:** None
- **GHS Health and Environmental Hazards:** None
- **GHS Signal Words:** None
- **GHS Hazard Statements:** None
- **HMIS Classification:**
  - Health hazard: 0
  - Flammability: 0
  - Physical hazards: 0
- **NFPA Rating:**
  - Health hazard: 0
  - Fire: 0
  - Reactivity Hazard: 0

3. Composition / Information on Ingredients

**Ingredients/Components:**
This product contains 0.02 % Sodium azide (the quantity is below GHS cut-off value: 1.0%)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>PBS buffer (&lt;100%)</td>
<td>N/A</td>
</tr>
</tbody>
</table>

4. First Aid Measures

**Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration.
### Ingestion:
Never give anything by mouth to an unconscious person. Rinse mouth with water.

### Skin:
Wash off with soap and plenty of water.

### Eyes:
Flush eyes with water for at least 15 minutes. Consult a physician.

### 5. Fire Fighting Measures

<table>
<thead>
<tr>
<th>Extinguishing media:</th>
<th>Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special firefighting procedures:</td>
<td>None</td>
</tr>
<tr>
<td>Unusual fire and explosion hazards</td>
<td>None</td>
</tr>
</tbody>
</table>

### 6. Accidental Release Measures

<table>
<thead>
<tr>
<th>Spill response:</th>
<th>Wear appropriate personal protective equipment (impervious gloves). Absorb spill with paper towel and dispose into biohazard waste.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Containment materials:</td>
<td>None</td>
</tr>
<tr>
<td>PPE</td>
<td>Gloves, lab coat and goggles</td>
</tr>
</tbody>
</table>

### 7. Handling and Storage

Keep in a tightly closed container. Store in 4 °C for short-time and -20°C for long-time storage.

### 8. Exposure Controls / Personal Protection

**Engineering controls:** General industrial hygiene practice.

**PPE:** Use good hygiene practices when handling this material. Safety glasses and lab coat are recommended.

### 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Powder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor:</td>
<td>Odorless</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Soluble</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH:</td>
<td>Neutral</td>
</tr>
<tr>
<td>Boiling Point:</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point:</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point:</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor pressure:</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor density:</td>
<td>Not available</td>
</tr>
</tbody>
</table>

### 10. Stability and Reactivity

**Thermal Decomposition:** Stable under recommended storage conditions

**Dangerous Products of Decomposition:** None

**Dangerous Reactions:** No dangerous reactions known.

### 11. Toxicological Information

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

12. Ecological Information
No available information

13. Disposal Considerations
Consult local, state, or national regulations for proper disposal.

14. Transport Information
Hazard Class | This substance is considered to be non-hazardous for transport

15. Regulatory Information

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
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.

SARA 311/312 Hazards
No SARA Hazards

Massachusetts Right To Know Components
No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components
Ovalbumin CAS-No. Revision Date 9006-59-1
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.