

# Safety Data Sheet (SDS)

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|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Revision Number: 3.0</i>                        | <i>Last updated March 24, 2021</i>                                                                                                                                                                                                |
| <b>1. Product and Company Identification</b>       |                                                                                                                                                                                                                                   |
| <i>Product Name:</i>                               | <b>B-PE (B-Phycoerythrin)</b>                                                                                                                                                                                                     |
| <i>Manufacturer/Supplier:</i>                      | AnaSpec, Inc.<br><a href="http://www.anaspec.com">www.anaspec.com</a><br>34801 Campus Drive<br>Fremont, CA 94555<br>Tel: 510-791-9560<br>Fax: 510-791-9572<br>Email: <a href="mailto:service@anaspec.com">service@anaspec.com</a> |
| <i>Catalog Number</i>                              | AS-82001                                                                                                                                                                                                                          |
| <i>Unit Size</i>                                   | 1mg                                                                                                                                                                                                                               |
| <b>2. Hazards Identification</b>                   |                                                                                                                                                                                                                                   |
| <i>Emergency Overview:</i>                         |                                                                                                                                                                                                                                   |
| <i>GHS Hazard Classification:</i>                  | Non-hazardous                                                                                                                                                                                                                     |
| <i>GHS Physical Hazards:</i>                       | None                                                                                                                                                                                                                              |
| <i>GHS Health and Environmental Hazards:</i>       | None                                                                                                                                                                                                                              |
| <i>GHS Signal Words:</i>                           | None                                                                                                                                                                                                                              |
| <i>GHS Hazard Statements:</i>                      | None                                                                                                                                                                                                                              |
| <i>GHS Precautionary Statements:</i>               | None                                                                                                                                                                                                                              |
| <i>HMIS Classification:</i>                        |                                                                                                                                                                                                                                   |
| <i>Health hazard:</i>                              | 0                                                                                                                                                                                                                                 |
| <i>Flammability:</i>                               | 0                                                                                                                                                                                                                                 |
| <i>Physical hazards:</i>                           | 0                                                                                                                                                                                                                                 |
| <i>NFPA Rating:</i>                                |                                                                                                                                                                                                                                   |
| <i>Health hazard:</i>                              | 0                                                                                                                                                                                                                                 |
| <i>Fire:</i>                                       | 0                                                                                                                                                                                                                                 |
| <i>Reactivity Hazard:</i>                          | 0                                                                                                                                                                                                                                 |
| <b>3. Composition / Information on Ingredients</b> |                                                                                                                                                                                                                                   |
| <i>Ingredients/Components:</i>                     |                                                                                                                                                                                                                                   |
| Chemical Name:                                     | B-PE (B-Phycoerythrin),                                                                                                                                                                                                           |
| <b>4. First Aid Measures</b>                       |                                                                                                                                                                                                                                   |
| <i>Inhalation:</i>                                 | If breathed in, move person into fresh air. If not breathing give artificial respiration                                                                                                                                          |
| <i>Ingestion:</i>                                  | Never give anything by mouth to an unconscious person. Rinse mouth with water.                                                                                                                                                    |
| <i>Skin:</i>                                       | Wash off with soap and plenty of water.                                                                                                                                                                                           |
| <i>Eyes:</i>                                       | Flush eyes with water as a precaution.                                                                                                                                                                                            |

**AnaSpec Inc.**

34801 Campus Drive, Fremont, CA 94555

Toll-Free: 800-452-5530 • Tel: 510-791-9560 • Fax: 510-791-9573

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| <b><u>5. Fire Fighting Measures</u></b>                  |                                                                                                                                                                                                                                                                                             |
| <i>Extinguishing media:</i>                              | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide                                                                                                                                                                                                                     |
| <i>Special firefighting procedures:</i>                  | Wear self-contained breathing apparatus for firefighting if necessary.                                                                                                                                                                                                                      |
| <i>Unusual fire and explosions hazards:</i>              | None                                                                                                                                                                                                                                                                                        |
| <b><u>6. Accidental Release Measures</u></b>             |                                                                                                                                                                                                                                                                                             |
| <i>Spill response</i>                                    | Soak up with inert absorbent material                                                                                                                                                                                                                                                       |
| <i>Containment</i>                                       | Keep in suitable ,closed containers for disposal                                                                                                                                                                                                                                            |
| <i>PPE</i>                                               | Gloves                                                                                                                                                                                                                                                                                      |
| <b><u>7. Handling and Storage</u></b>                    |                                                                                                                                                                                                                                                                                             |
| Store at 4 °C                                            |                                                                                                                                                                                                                                                                                             |
| <b><u>8. Exposure Controls / Personal Protection</u></b> |                                                                                                                                                                                                                                                                                             |
| <i>Engineering controls</i>                              | None                                                                                                                                                                                                                                                                                        |
| <i>PPE</i>                                               | <i>Skin and Body:</i> Wear appropriate work uniform or laboratory coat to prevent skin exposure.<br><i>Hands:</i> Use chemical resistant, impervious gloves. Appropriate techniques should be used to remove potentially contaminated gloves.<br><i>Eyes:</i> Wear chemical splash goggles. |
| <b><u>9. Physical and Chemical Properties</u></b>        |                                                                                                                                                                                                                                                                                             |
| <i>Physical State</i>                                    | Liquid                                                                                                                                                                                                                                                                                      |
| <i>Odor</i>                                              | None                                                                                                                                                                                                                                                                                        |
| <i>Solubility in Water</i>                               | No data available                                                                                                                                                                                                                                                                           |
| <i>Specific Gravity</i>                                  | Not determined                                                                                                                                                                                                                                                                              |
| <i>pH</i>                                                | 7                                                                                                                                                                                                                                                                                           |
| <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                                                                                                                                                                                                                                                                              |
| <b><u>10. Stability and Reactivity</u></b>               |                                                                                                                                                                                                                                                                                             |
| <i>Thermal Decomposition</i>                             | Stable under recommended storage conditions                                                                                                                                                                                                                                                 |
| <i>Dangerous Products of Decomposition</i>               | Under fire conditions, nitrogen oxides (NOx), sulphur oxides, oxides of phosphorous, sodium oxides can be formed.                                                                                                                                                                           |
| <i>Dangerous Reactions</i>                               | No dangerous reactions identified                                                                                                                                                                                                                                                           |
| <b><u>11. Toxicological Information</u></b>              |                                                                                                                                                                                                                                                                                             |
| <i>RTECS Number</i>                                      | Not available                                                                                                                                                                                                                                                                               |
| <i>Toxicity</i>                                          | Not identified                                                                                                                                                                                                                                                                              |

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| <i>Health Hazards</i>                             | May cause skin irritation.<br>May cause eye irritation.<br>May be harmful if swallowed<br>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**

Toxicity  
no data available

Persistence and degradability  
no data available

Bioaccumulative potential  
no data available

Mobility in soil  
no data available

PBT and vPvB assessment  
no data available

Other adverse effects  
no data available

## **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 |
|---------------------|----------------------------------------------------------------|

## **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): None*

***US Other: None***

*EC EINECS (European Inventory of Existing Commercial Chemical Substances) Number: Not Listed*

*EC Risk Statements: Not Determined*

*Other Country Regulations: None*

## **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.