

# Material Safety Data Sheet (MSDS)

Revision Number: **1.1** Last updated **04-22-2013**

## **1) Product and Company Identification**

|                               |   |
|-------------------------------|---|
| <i>Product Name:</i>          | Recombinant Human DJ-1 (PARK7) Protein  |
| <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>         | 77219-10, 77219-100, 77219-500  |
| <i>Unit Size</i>              | 10, 100, 500 µg   |

## **2) Hazards Identification**

### Emergency Overview:

*GHS Hazard Classification:* None  
*GHS Physical Hazards:* None  
*GHS Health and Environmental Hazards:* None  
*GHS Signal Words:* None  
*GHS Hazard Statements:* None  
*GHS Precautionary Statements:* P280 Wear Protective Gloves

### *HMIS Classification*

*Health hazard:* 0  
*Chronic 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:*

| <i>Chemical Name:</i>            | <i>CAS Number:</i> |
|----------------------------------|--------------------|
| Human DJ-1 (PARK7) Protein       | N/A                |
| 50mM Tris-cl, 150mM NaCl, pH=8.0 | N/A                |

### **AnaSpec Inc.**

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|   |  |
|---|--|
| <b>4) First Aid Measures</b>                      |  |
| <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>                                 | If swallowed, wash out mouth with water if subject is consciousness. Immediately consult a physician. Never give anything by mouth to an unconscious person. |
| <i>Skin:</i>                                      | 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.  |
| <b>5) Fire Fighting Measures</b>                  |  |
| <i>Extinguishing media:</i>                       | None   |
| <i>Special firefighting procedures:</i>           | None   |
| <i>Unusual fire and explosions hazards:</i>       | None   |
| <b>6) Accidental Release Measures</b>             |  |
| <i>Spill response</i>                             | Absorb with paper towel and dispose into biohazard waste   |
| <i>Containment</i>                                | None   |
| <i>PPE</i>  | Gloves   |
| <b>7) Handling and Storage</b>                    |  |
| Store at -80 °C                                   |  |
| <b>8) Exposure Controls / Personal Protection</b> |  |
| <i>Engineering controls</i>                       | None   |
| <i>PPE</i>  | Wear goggles and gloves when handling the product  |
| <b>9) Physical and Chemical Properties</b>        |  |
| <i>Physical State</i>                             | Liquid   |
| <i>Odor</i>                                       | None   |
| <i>Solubility in Water</i>                        | Good   |
| <i>Specific Gravity</i>                           | No data available  |
| <i>pH</i>   | 8.0  |
| <i>Boiling Point</i>                              | No data available  |
| <i>Melting Point</i>                              | No data available  |
| <i>Flash Point</i>                                | No data available  |
| <i>Vapor Pressure:</i>                            | No data available  |
| <i>Vapor Density:</i>                             | No data available  |
| <b>10) Stability and Reactivity</b>               |  |
| <i>Thermal Decomposition</i>                      | Stable under recommended storage conditions  |
| <i>Dangerous Products of Decomposition</i>        | No data available  |
| <i>Dangerous Reactions</i>                        | No data available  |
| <b>11) Toxicological Information</b>              |  |
| <i>RTECS Number</i>                               | Not listed   |

|   |   |
|---|---|
| <i>Toxicity</i>                                   | No data available   |
| <i>Potential Health Effects</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>                          | No data available   |
| <i>Carcinogenicity:</i>                           | Not listed by NTP, IARC, or OSHA  |
| <i>OSHA Permissible Exposure Limit (PEL) Data</i> | No data available   |
| <i>ACGIH Threshold Limit Values (TLV)</i>         | No data available   |

**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 |
| <i>DOT (US)</i>     | No dangerous goods   |
| <i>IMDG</i>         | No dangerous goods   |
| <i>IATA</i>         | No dangerous goods   |

**15) Regulatory Information**

**OSHA Hazards:** No known OSHA hazards

**California Proposition 65:** This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm

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

**SARA 313:** 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:** No SARA Hazards

***Massachusetts Right to Know Components***

No components are subject to the Massachusetts Right to Know Act

***Pennsylvania Right to Know Components***

|                    |         |               |
|--------------------|---------|---------------|
| Human DJ-1 Protein | Cas-No. | Revision Date |
|                    | -       | N/A           |

***New Jersey Right to Know Components***

|                    |         |               |
|--------------------|---------|---------------|
| Human DJ-1 Protein | Cas-No. | Revision Date |
|                    | -       | N/A           |

**US TSCA (Toxic Substance Control Act):** Not Listed

**US CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):** Not Listed

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

**EC Risk Statements:** Not listed

**Other Country Regulations:** Not listed

**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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