



Peninsula Laboratories International, Inc.

## MATERIAL SAFETY DATA SHEET

### SECTION I: IDENTIFICATION

|   |
|---|
| <b>CHEMICAL NAME</b><br>beta-Endorphin (human) - Undiluted Antiserum for Immunohistochemistry, Host: Guinea Pig |
| <b>PRODUCT CODES</b><br>T-5009.0050   |
| <b>CAS NO</b><br>N/A  |

### SECTION II: INGREDIENTS

| PRINCIPLE HAZARDOUS COMPONENTS      | PERCENT | THRESHOLD LIMIT VALUE |
|-------------------------------------|---------|-----------------------|
| None (neat serum, no preservatives) |         |                       |

### SECTION III: PHYSICAL DATA

|   |   |
|---|---|
| <b>BOILING POINT</b><br>N/A                         | <b>MELTING POINT</b><br>N/A             |
| <b>VAPOR PRESSURE</b><br>N/A                        | <b>SPECIFIC GRAVITY</b><br>N/A          |
| <b>VAPOR DENSITY (AIR=1)</b><br>N/A                 | <b>% VOLATILE BY VOLUME</b><br>N/A      |
| <b>WATER SOLUBILITY</b><br>N/A                      | <b>EVAPORATION RATE (____=1)</b><br>N/A |
| <b>APPEARANCE</b><br>Lyophilized antiserum (powder) |   |

### SECTION IV: FIRE AND EXPLOSION HAZARD DATA

|   |
|---|
| <b>FLASH POINT</b> N/A  |
| <b>FLAMMABLE LIMITS</b> N/A                                     |
| <b>EXTINGUISHING MEDIA</b><br>Appropriate for surrounding fire. |
| <b>SPECIAL FIRE FIGHTING PROCEDURES</b><br>Unknown.             |
| <b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS</b><br>Unknown.         |

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## SECTION V: HEALTH HAZARD

|                              |  |
|------------------------------|--|
| <b>THRESHOLD LIMIT VALUE</b> | Data Not Available   |
| <b>HEALTH HAZARDS</b>        | May be harmful by inhalation, ingestion, or skin absorption. May cause skin irritation. May cause eye irritation. To the best of our knowledge, the animals used for immunization are disease and parasite free. |
| <b>FIRST AID PROCEDURES</b>  | In case of contact, flush eyes with water. In case of contact, wash skin with soap and water.  |

## SECTION VI: REACTIVITY DATA

|   |                                       |   |  |
|---|---------------------------------------|---|--|
| <b>STABILITY</b>                            | <b>UNSTABLE</b><br><b>STABLE</b>      | X | <b>CONDITIONS TO AVOID</b><br>Heat         |
| <b>INCOMPATIBILITY (MATERIALS TO AVOID)</b> |                                       |   | N/A  |
| <b>HAZARDOUS POLYMERIZATION</b>             | <b>MAY OCCUR</b><br><b>WILL OCCUR</b> | X | <b>CONDITIONS TO AVOID</b><br>Not Specific |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS</b>     |                                       |   |  |
| Data Not Available                          |                                       |   |  |

## SECTION VII: SPILL AND DISPOSAL PROCEDURES

|   |
|---|
| <b>SPILLS</b>   |
| Wear chemical safety goggle and rubber gloves. Wash spill site. |
| <b>DISPOSAL</b>   |
| Dispose in accordance with local regulations.                   |

## SECTION VIII: PROTECTION INFORMATION

|  |   |
|--|---|
| <b>EYE PROTECTION</b><br>Safety goggles      | <b>SKIN PROTECTION</b><br>Full length lab coat and rubber or vinyl gloves |
| <b>RESPIRATORY PROTECTION</b><br>Recommended | <b>VENTILATION RECOMMENDED</b><br>Mechanical exhaust                      |
| <b>OTHER PROTECTION</b><br>Not Specific      |   |

## SECTION IX: SPECIAL PRECAUTIONS

|                             |
|-----------------------------|
| <b>STORAGE AND HANDLING</b> |
| Store at -20°C.             |

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. It is the users responsibility to determine the suitability of this information for the adoption of safety precautions as may be necessary. Peninsula Laboratories International, Inc. shall not be held liable for any damage resulting from the handling of the above product.

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