



# Peninsula Laboratories International, Inc.

## MATERIAL SAFETY DATA SHEET SECTION I: IDENTIFICATION

|   |
|---|
| <b>CHEMICAL NAME</b><br>CRF (human, mouse, rat) - EIA Kit (R - sr, pl), Host: Rabbit, Extraction-free |
| <b>PRODUCT CODES</b><br>S-1182.0001 (EIAS)  |
| <b>CAS NO</b><br>N/A  |

## SECTION II: INGREDIENTS

| PRINCIPLE HAZARDOUS COMPONENTS  | PERCENT | THRESHOLD LIMIT VALUE |
|---|---------|-----------------------|
| <b>Tris buffer</b> (in 20x Buffer concentrate)  | 1M      | Data Not Available    |
| <b>Tween-20</b> (in 20x Buffer concentrate)   | 2%      | Data Not Available    |
| <b>Thimerosal</b> (in Std, Ab, BT-Peptide packaging buffer)   | 0.02%   | Data Not Available    |
| <b>Thimerosal</b> (in 20x Buffer concentrate)   | 0.05%   | Data Not Available    |
| <b>HCl</b>  | 2N      | Data Not Available    |
| <b>1% BSA</b> in .1M Sodium phosphate buffer (in Std, Ab, BT-Peptide packaging buffer and 20x Buffer concentrate)                                 | 0.1M    | Data Not Available    |
| <b>HRP Stabilizer</b> (Aqueous, protein-containing mixture preserved with 0.02% methylisothiazolone, 0.02% bromonitrodioxane and 20 ppm Proclin™) | 0.1%    | Data Not Available    |
| <b>Substrate (TMB and H2O2)</b>   | <1%     | Data Not Available    |

## 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>White 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>Wear protective clothing and self-contained breathing apparatus. |

7/1/2014

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**UNUSUAL FIRE & EXPLOSION HAZARDS**

Burning may produce toxic fumes.

## 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. |
| <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>Not specific. |
| <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><br>Data Not Available |                                       |   |   |

## SECTION VII: SPILL AND DISPOSAL PROCEDURES

|   |
|---|
| <b>SPILLS</b>   |
| Wear respirator, chemical safety goggle, rubber boots, rubber gloves. Absorb in sand and place in closed container for disposal. Wash spill site.   |
| <b>DISPOSAL</b>   |
| Dispose in accordance with local regulation. Generally, dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. |

## SECTION VIII: PROTECTION INFORMATION

|  |   |
|--|---|
| <b>EYE PROTECTION</b><br>Chemical 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

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| <b>STORAGE AND HANDLING</b><br>Store in a cool, dry place. |
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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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