



**Genzyme Diagnostics P.E.I. Inc.**  
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## MATERIAL SAFETY DATA SHEET

### I PRODUCT IDENTIFICATION AND USE

SUPPLIERS NAME: Genzyme Diagnostics P.E.I. Inc.  
70 Watts Avenue  
West Royalty Industrial Park  
Charlottetown, P.E.I.  
Canada C1E-2B9  
902-566-1396

CHEMICAL/PRODUCT NAME: **Wide Range CRP Assay**

CATALOGUE NUMBER: **250-20, 250-25, 250-80-91R1, 250-80-91R2**

NOTE: Physical and health hazard information on reagent mixtures has not been determined. Any physical and health information noted is based 1) on evaluation of data for the pure ingredients, and 2) concentration of ingredients as packaged.

PRODUCT DESCRIPTION: For the quantitative determination of C-reactive protein in serum.

### II HAZARDOUS INGREDIENTS

Reagent 1: n.ap  
Reagent 2: n.ap

ACGIH TLV (NE = Not Established)

CAS

### III TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY/EXPOSURE

SKIN CONTACT: [x] EYE CONTACT: [x] INHALATION: [x]  
INGESTION: [x] SKIN ABSORPTION: [x]

#### **EFFECTS OF ACUTE EXPOSURE:**

SKIN CONTACT: May cause irritation.

EYE CONTACT: May cause irritation.

INGESTION: May be harmful if ingested.

INHALATION: May cause irritation to mucous membranes and upper respiratory tract.

**EFFECTS OF CHRONIC EXPOSURE:** None anticipated.

EVIDENCE OF CARCINOGENICITY, TERATOGENICITY,  
REPRODUCTIVE TOXICITY, MUTAGENICITY: n.av.

SENSITIZATION TO PRODUCT: n.av.

SYNERGISTIC PRODUCTS: n.av.

LD<sub>50</sub>: n.av.

### IV EMERGENCY AND FIRST AID MEASURES

SKIN: In case of contact, immediately flush area with plenty of water.

EYES: Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.

ORAL: If ingested, drink plenty of fluids and contact a physician.

INHALATION: If inhaled, remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and call a physician.

### V PHYSICAL DATA

PHYSICAL STATE: R1 liquid; R2 liquid

APPEARANCE AND ODOUR: R1 is a clear colourless; R2 is milk-white.

ODOUR THRESHOLD: n.av.

VAPOUR PRESSURE: n.av.

VAPOUR DENSITY: n.av.

SPECIFIC GRAVITY: n.av.

EVAPORATION RATE: n.av.

FREEZING POINT: n.av.

BOILING POINT: n.av.

SOLUBILITY IN WATER: Soluble

pH: R1= 8.5; R2 = 7.0

COEFFICIENT OF OIL/WATER DISTRIBUTION: n.av.

### VI FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE: No

EXTINGUISHING MEDIA: As appropriate for fire in surrounding materials.

FLASH POINT: n.ap.

UPPER FLAMMABLE LIMIT: n.ap.

LOWER FLAMMABLE LIMIT: n.ap.

AUTOIGNITION TEMPERATURE: n.ap.

HAZARDOUS COMBUSTION PRODUCTS: n.av.

EXPLOSION DATA:

SENSITIVITY TO MECHANICAL IMPACT: n.ap.

SENSITIVITY TO STATIC DISCHARGE: n.ap.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Unknown

### VII REACTIVITY DATA

STABLE: Yes

HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITY WITH OTHER SUBSTANCES: n.av.

HAZARDOUS DECOMPOSITION PRODUCTS: n.av.

## **VIII PREVENTIVE MEASURES**

LOCAL EXHAUST: Not required

PROTECTIVE CLOTHING: Lab coat

PROTECTIVE GLOVES: Rubber nitrile or other impermeable gloves

EYE PROTECTION: Safety glasses with side shields

OTHER PRECAUTIONS: Avoid contact and inhalation, do not get in eyes, on skin or clothing. Do not pipette by mouth. Wash contaminated clothing before reuse. Sodium azide may react with lead or copper to form explosive metal azides.

RESPIRATORY PROTECTION: None normally required.

LEAK AND SPILL PROCEDURE: Absorb small leaks or spills with sponge, mop up large spills with plenty of soap and water.

WASTE DISPOSAL: Dispose of in accordance with all applicable federal, provincial, state, and local regulations. Sodium Azide is used as a preservative in this kit at less than 0.1% w/w.

STORAGE REQUIREMENTS: 2-8°C

SHIPPING INFORMATION: Not regulated

## **IX PREPARATION OF THE M.S.D.S.**

PREPARED BY: John Gabriel

PHONE NO: 902-566-1396

DATE: April 22, 2008

*\* n.av. not available n.ap. not applicable*

The information provided on this Material Safety Data Sheet is provided in the interest of promoting safe handling of the material. While this information is believed to be correct, Genzyme Diagnostics P.E.I. Inc. makes no warranty in respect to any of the information disclosed. Observe all federal, provincial, state and local laws concerning health and pollution.

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