

**Product Name:** BD Vacutainer® Rapid Serum Tube (RST) with Hemogard™ Closure

## **1 Identification of substance:**

- **Product Details:**  
MSDS Number: VS60357-01  
Issue Date: May 12, 2010  
Supersedes: New Issue
- **Trade Name:** BD Vacutainer® Rapid Serum Tube (RST) with Hemogard™ Closure
- **Product Code:** 368774
- **Application of the substance/preparation:** Serum determinations in chemistry
- **Manufacturer/Supplier:**  
BD Diagnostics, Preanalytical Systems  
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Plymouth, Devon PL6 7BP  
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- **Emergency Information:**  
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## **2 Hazards Identification:**

- **Hazard description:** Not applicable
- **Information concerning particular hazards for human and environment:** The product is not required to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**  
The classification was made according to the latest editions of the EU-lists, and expanded upon from company literature and data.

## **3 Composition/Data on components:**

- **Chemical Characterization**
- **Description:** Non-hazardous mixture.
- **Dangerous Components:** Absent.

## **4 First aid measures:**

- **General information:**  
**After inhalation:** Supply fresh air; consult doctor in case of complaints.  
**After skin contact:** Remove any contaminated clothing. Flush skin with plenty of soap and water. Wash clothing before reuse. Consult a doctor if irritation develops.

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**After eye contact:** Rinse opened eye for several minutes under running water.

**After Swallowing:** If victim is conscious, give water or milk to induce vomiting. If unconscious, do not induce vomiting. Never give anything by mouth to an unconscious person. Get immediate medical attention.

**Information for doctor:** Show this label

## 5 Fire fighting measures:

- **Suitable extinguishing agents:** Foam, dry chemical, or carbon dioxide (CO<sub>2</sub>). Do not use water, which will cause burning or scattering.
- **Protective equipment:** Firefighters should wear self-contained breathing apparatus and proper protective equipment to prevent contact with skin and eyes.
- **Additional Information:** Combustion generates vapor, smoke, carbon monoxide and carbon dioxide.

## 6 Accidental release measures:

- **Person-related safety precautions:** Avoid overexposure. Wear suitable protective clothing to protect skin.
- **Measures for environmental protection:** No special measures required.
- **Measures for cleaning/collecting:** Take up spill or leak with absorbent material and place in a suitable chemical waste container. Flush spill area with detergent water.
- **Additional information:** See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment  
See Section 13 for information on disposal

## 7 Handling and storage:

- **Handling:**  
**Information for safe handling:** Use product promptly after opening interior bag.  
**Information about protection against explosions and fires:** Avoid exposure to high temperatures or direct sunlight.
- **Storage:**  
**Requirements to be met by storerooms and receptacles:** Store product indoors at 4 – 25 °C (39.2- 77 °F). Do not store product over 40 °C (104 °F.) Avoid moisture, high temperatures, humidity and direct sunlight.  
**Information about storage in one common storage facility:** Not Available  
**Further information about storage conditions:** Not Available

## 8 Exposure controls and personal protection:

- **Additional information about design of technical systems:** Not Available
- **Components with limit values that require monitoring at the workplace:** The product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.
- **Additional information:** The lists valid during the making were used as basis.

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- **Personal Protective Equipment:**

**General protective and hygienic measures:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Use with adequate ventilation.

**Breathing equipment:** None required under normal use conditions.

**Protection of hands:** Use appropriate gloves.

**Eye protection:** None required under normal use conditions.

**Body protection:** Wear appropriate protective clothing to prevent skin exposure.

## **09 Physical and chemical properties:**

- **General Information:**

**Form:** Gel

**Color:** White(translucent)

**Odor:** None

- **Change in condition:**

**Melting point/Melting range:** Not available

**Boiling point/Boiling range:** Not available

- **Flash point:** Not available

- **Flammability (solid, gaseous):** Not flammable

- **Auto-ignition:** Not available

- **Danger of explosion:** None under normal use conditions. Preheating causes combustion.

- **Vapor pressure:** Not available

- **Volatility:** Not available

## **10 Stability and reactivity:**

- **Thermal decomposition / conditions to be avoided:** High temperatures.

- **Materials to be avoided:** None

- **Dangerous reactions:** Stable; No dangerous reactions known.

- **Dangerous products of decomposition:** Carbon monoxide, carbon dioxide.

## **11 Toxicological information:**

- **Acute toxicity:**

**Eyes:** None under normal handling conditions. **Skin:** None under normal handling conditions.

**Inhalation:** None under normal handling conditions.

**Ingestion:** None identified, but tube contents may be harmful if swallowed.

- **Primary irritant effect:**

**On the skin:** No data available

**On the eye:** No data available

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- **Sensitization:** Contact with tube contents, while not expected during normal product use, may cause allergic reaction.

## 12 Ecological information:

- **Ecotoxicological effects:** No data is available on the adverse effects of this material on the environment. Neither COD nor BOD data are available.
- **Other information:** Does not readily biodegrade.
- **General notes:** Not Applicable

## 13 Disposal considerations:

- **Product:**  
**Recommendation**  
Must be specially treated adhering to official regulations.
- **Uncleaned packagings:**  
**Recommendation**  
Disposal must be made according to official regulations.
- **Recommended cleansing agent**  
Water, if necessary with cleansing agents
- **General notes:** Not Applicable

## 14 Transport information:

- **Land transport ADR/RID (cross-border):**  
**ADR/RID class:** Non-regulated
- **Maritime transport IMDG:** Non-regulated
- **Air transport ICAO-TI and IATA-DGR:** Non-regulated

## 15 Regulations:

- **Product related hazard information:** No additional information.

## 16 Other information:

To the best of our knowledge, the information contained herein is accurate. However, neither BD or any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

- **Department issuing MSDS:** Regulatory Affairs