



Material Safety Data Sheet
acc. to ISO/DIS 11014

Page 1 of 6

Printing Date: 2005-Jul-15

Printing Date: Reviewed on

Product Name: *BD Vacutainer® Brand PPT™ Tubes containing Gel and Dipotassium EDTA*

1 Identification of substance:

• **Product Details:**

MSDS Number: VS60335-03

Issue Date: July 15, 2005

Supersedes: VS60335-02

ECO No.: ECO31916

• **Product Name:** *BD Vacutainer® Brand PPT™ Tubes containing Gel and Dipotassium EDTA*

• **Catalog Numbers:** *362788, 362791, 362795, 362799*

• **Manufacturer/Supplier:**

BD Diagnostics, Preanalytical Systems

1 Becton Drive

Franklin Lakes, NJ, 07417-1885

• **Information Department:**

BD Diagnostics, Preanalytical Systems Technical Service, (800) 631-0174.

• **Emergency Information:**

In case of a chemical emergency, spill, fire, exposure, or accident contact ChemTrec at (800) 424-9300.

2 Composition/Data on components:

• **Description:**

*Chemical name: Gel (Proprietary Mixture)
Dipotassium EDTA*

• **CAS No.:** *Gel: Proprietary*

Dipotassium EDTA: 25102-12-9

• **Quantity:** *Gel: 0.9 – 1.85 g*

Dipotassium EDTA: 8.0 – 17.8 mg

• **Exposure limits:** *Not Applicable*

Product Name: BD Vacutainer® Brand PPT™ Tubes containing Gel and Dipotassium EDTA**3 Hazards identification:****• Hazard description:**

EU: This product contains no hazardous constituents, or the concentration of all chemical constituents are below the regulatory threshold limits described by European Directive 91/155/EEC, and 93/112/EC.

US: May cause eye and skin irritation.

• Classification system: The classification is according to the latest editions of the EU- list, and extended by company and literature data.**• Health Effects:****Acute Exposure Effects:**

Eyes: May cause eye irritation.

Skin: May cause skin irritation.

Inhalation: May cause irritation of the respiratory tract.

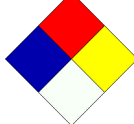
Ingestion: None identified.

Repeated Exposure Effects:

None identified

Primary Route of Entry: Eye contact and inhalation

Medical conditions which might be aggravated: None identified.

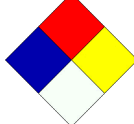
• NFPA ratings (scale 0-4):

Health = 1

Fire = 1

Reactivity = 0

Specific Hazard = 0

• HMIS ratings (scale 0-4):

Health = 1

Flammability = 1

Reactivity = 0

Special = 0

4 First aid measures:**• General information:**

After inhalation: Move the exposed person to fresh air.

After skin contact: Immediately flush skin with plenty of soap and water for at least 15 minutes.

After eye contact: Immediately flush with plenty of water for at least 15 minutes.

After Swallowing: Immediately give large amounts of water. Get medical attention.

Information for doctor: Show this label

5 Fire fighting measures:

• Suitable extinguishing agents: Use extinguishing media appropriate for surrounding fire.

• Protective equipment: Firefighters should wear proper protective equipment and self-contained breathing



Material Safety Data Sheet

acc. to ISO/DIS 11014

Page 3 of 6

Printing Date: 2005-Jul-15

Printing Date: Reviewed on

Product Name: BD Vacutainer® Brand PPT™ Tubes containing Gel and Dipotassium EDTA

apparatus with full facepiece operated in positive pressure mode.

6 Accidental release measures:

- **Person-related safety precautions:** Avoid overexposure. Wear suitable protective clothing.
- **Measures for environmental protection:** Not Applicable
- **Measures for cleaning/collecting:** Carefully sweep up and remove. Flush area with 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: Keep container tightly closed. Suitable for any general chemical storage area.
Information about protection against explosions and fires: Not Applicable
- **Storage:**
Requirements to be met by storerooms and receptacles: Keep container tightly closed.
Information about storage in one common storage facility: Suitable for any general chemical storage area.
Further information about storage conditions: None

8 Exposure controls and personal protection:

- **Additional information about design of technical systems:** Use adequate general or local exhaust ventilation.
- **Components with limit values that require monitoring at the workplace:** None
- **Additional information:** None
- **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 where adequate ventilation conditions exist. If airborne concentration is high, use an appropriate dust mask.
Protection of hands: Use proper gloves
Eye protection: Use safety goggles
Body protection: Wear appropriate protective clothing to prevent skin exposure.

Product Name: BD Vacutainer® Brand PPT™ Tubes containing Gel and Dipotassium EDTA**09 Physical and chemical properties:****• General Information:***Form: Solid (Gel and Crystalline powder)**Color: Tan gel and White crystalline powder**Odor: Odorless***• Change in condition:***Melting point/Melting range: Not Available**Boiling point/Boiling range: Not Available***• Flash point: Not Applicable****• Flammability (solid, gaseous): Not Applicable****• Danger of explosion: Product does not present an explosion hazard.****• Vapor pressure: Not Applicable****• Density: Not Applicable****• Solubility in/Miscibility w/H₂O: Not Applicable****• pH-value: Not Available***Organic solvents: Not Available***• Solids content: Not Available****10 Stability and reactivity:****• Thermal decomposition / conditions to be avoided: None****• Materials to be avoided: Avoid strong oxidizing agents.****• Dangerous reactions: Stable; No dangerous reactions known.****• Dangerous products of decomposition: Oxides of nitrogen, carbon monoxide, carbon dioxide****11 Toxicological information:****• Acute toxicity:***Eye: May cause eye irritation.**Skin: May cause skin irritation.**Inhalation: May cause irritation of the respiratory tract.**Ingestion: None Identified.***• Primary irritant effect:***On the skin: Not established**On the eye: Not established***• Sensitization: Not established****• Additional toxicological information: Does not contain more than 0.1% by weight of a material listed as a potential carcinogen by NTP, IARC, or OSHA.**

Product Name: BD Vacutainer® Brand PPT™ Tubes containing Gel and Dipotassium EDTA**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:** None
- **General notes:** Not Applicable.

13 Disposal considerations:

- **Product:**
Recommendation
Disposal should be done in accordance with local, state and federal regulations.
Disposal must be made according to the regulations found in 40 CFR 261.
This product is not a RCRA hazardous waste.
- **Uncleaned packagings:**
Recommendation
Disposal should be done in accordance with local, state and federal regulations.
Disposal must be made according to the regulations found in 40 CFR 261.
This product is not a RCRA hazardous waste.
Recommended cleansing agent
Water, if necessary with cleansing agents
- **General notes:** Not Applicable

14 Transport information:

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

15 Regulations:

- **SARA Section 355 (extremely hazardous substances):** Substances not listed
- **SARA Section 302 (extremely hazardous substances):** Substances not listed
- **Section 313 (specific toxic chemical listings):** Substances not listed
- **SARA Section 304 (Reportable Quantity (RQ) under CERCLA):** None
- **SARA Section 311/312 (Hazard notification categories under SARA Title III):** None
- **TSCA (Toxic Substances Control Act) Inventory:** Substances Listed
- **Hazardous chemical(s) under OSHA Hazard Communication Standard (29 CFR 1910.1200):** None.



Material Safety Data Sheet
acc. to ISO/DIS 11014

Page 6 of 6

Printing Date: 2005-Jul-15

Printing Date: Reviewed on

Product Name: BD Vacutainer® Brand PPT™ Tubes containing Gel and Dipotassium EDTA

- **California Proposition 65 – Chemicals Known to Cause Cancer:** A component may contain trace amounts.
California Proposition 65 – Chemicals Known to Cause Reproductive Toxicity: Substances not listed
- **Carcinogenicity categories**
IARC (International Agency for Research on Cancer): Substances not listed
NTP (National Toxicology Program): Substances not listed
TLV (Threshold Limit Value established by ACGIH): Substances not listed
MAK (German Maximum Workplace Concentration): Not available
- **Product related hazard information:** No additional information.
- **National regulations:** The additive has not been classified as hazardous under the Chemicals (Hazard Information and Packaging) Regulations.
- **Water hazard class:** Not Assigned

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