

Product code	Description
240950	BBL Streptocard Enzyme Test Latex Test Kit

Components:

240950a	Test Latex A
240950b	Test Latex B
240950c	Test Latex C
240950d	Test Latex D
240950e	Test Latex F
240950f	Test Latex G
240950g	Extraction Enzyme (Lyophilized)
240950i	Positive Control (+)

Material Safety Data Sheet

acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

1 Identification of the substance/mixture and of the company/undertaking

- **Product Identifier**
- **Product Name:** Test Latex A
(BBL Streptocard Enzyme Latex Test Kit)
- **Catalog Number:** 240950
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
BD Diagnostic Systems
7 Loveton Circle
Sparks, MD 21152
Telephone.: (410) 771 - 0100 or (800) 638 – 8663
- **Information Department:** Technical Service
- **Emergency telephone number:**
In case of a chemical emergency, spill, fire, exposure, or accident contact BD Diagnostic Systems (410) 771-0100 or (800)-638-8663, or ChemTrec at (800) 424-9300.


2 Composition/information on ingredients

- **Description:** Mixture consisting of the following components.

- **Dangerous Components:**

26628-22-8	sodium azide	0.1%
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3 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
 Xn; Harmful
 R22: Harmful if swallowed.
- **Classification system:**
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

- **Label elements**

- **Labelling according to EU guidelines:**
The product has been classified and marked in accordance with regulations on hazardous materials.

- **Code letter and hazard designation of product:**



- **Hazard-determining components of labelling:**
sodium azide

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Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex A
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 1)

· Risk phrases:

22 Harmful if swallowed.

· Safety phrases:

2 Keep out of the reach of children.

13 Keep away from food, drink and animal feedingstuffs.

36 Wear suitable protective clothing.

46 If swallowed, seek medical advice immediately and show this container or label.

· NFPA ratings (scale 0-4)

Health = 2

Fire = 0

Reactivity = 0

· HMIS ratings (scale 0-4)

Health = 2

Fire = 0

Reactivity = 0

4 First aid measures**· General information**

Symptoms of poisoning may even occur after several hours; therefore provide medical observation for at least 48 hours after the accident.

· After inhalation Supply fresh air; consult doctor in case of complaints.**· After skin contact** Immediately wash with water and soap and rinse thoroughly.**· After eye contact**

Rinse opened eye for 15 minutes under running water. Then consult a doctor.

· After swallowing Immediately call a doctor.**· Information for doctor** Show this product label or this MSDS.**5 Firefighting measures****· Suitable extinguishing agents**CO₂, ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam.**· Protective equipment:** No special measures required.**6 Accidental release measures****· Personal precautions, protective equipment and emergency procedures** Not required.**· Environmental precautions:** Wipe up with damp sponge or mop.**· Methods and material for containment and cleaning up:** No special measures required.

(Contd. on page 3)

Material Safety Data Sheet

acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex A
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 2)

- **Reference to other sections**
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

7 Handling and storage

- **Handling**
- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:**
 No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** 2 - 8 °C
- **Information about storage in one common storage facility:**
 Do not store together with oxidizing and acidic materials as well as heavy-metal compounds.
- **Further information about storage conditions:**
 Store in cool, dry conditions in well sealed containers.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:**
 No further data; see Section 7.

- **Components with limit values that require monitoring at the workplace:**

26628-22-8 sodium azide

REL	Short-term value: C 0.3** mg/m ³ , C 0.1* ppm *as HN ₃ vapor; **as NaN ₃
TLV	Short-term value: C 0.29** mg/m ³ , C 0.11* ppm *as HN ₃ vapor; **as NaN ₃

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal Protective Equipment**
- **General protective and hygienic measures**
 Keep away from foodstuffs, beverages and feed.
 Wash hands before breaks and at the end of work.
- **Breathing equipment:**
 In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respirator.
- **Protection of hands:**



Chemical resistant gloves (i.e. nitrile, or equivalent).

- **Eye protection:** Safety glasses

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Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex A
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 3)

 · **Body protection:** Protective work clothing (lab coat).

9 Physical and chemical properties

 · **General Information**

 · **Appearance:**

Form:	Liquid
Color:	Light blue
Odor:	Characteristic

 · **pH-value:** Slightly alkaline

 · **Change in condition**

Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined

 · **Flash point:** Not applicable

 · **Danger of explosion:** Forms very sensitive explosive metallic compounds.

 · **Density:** Not determined

 · **Solubility in / Miscibility with**

Water:	Soluble
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10 Stability and reactivity

 · **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

 · **Incompatible materials:**

Incompatible materials: acidic material and metals

Incompatible material: strong oxidizers.

 · **Hazardous decomposition products:** Nitrogen oxides (NO_x)

 · **Additional information:**

Sodium azide is present in this product. Contact with acidic solutions and metal compounds over time may form potentially explosive metal azides. Should any of this material be introduced into a sanitary sewer system, flush with copious amounts of water.

11 Toxicological information

 · **Acute toxicity:**

 · **LD/LC50 values that are relevant for classification:**
26628-22-8 sodium azide

Oral	LD50	27 mg/kg (rat)
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Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex A
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 4)

- **Primary irritant effect:**
- **on the skin:** No irritating effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful

12 Ecological information

- **Acquatic toxicity:** No further relevant information available.
- **Ecotoxicological effects:**
- **Other information:**
The ecological effects have not been thoroughly investigated, but currently none have been identified.
- **Additional ecological information:**
- **General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**
Must not be disposed of with solid waste.
Dispose of material in accordance with federal (40 CFR 261.3), state and local requirements.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to state and federal regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- **DOT regulations:**
- **Hazard class:** -
- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No

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USA

Material Safety Data Sheet
 acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex A
 (BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 5)

- Air transport ICAO-TI and IATA-DGR:
- ICAO/IATA Class: -

15 Regulatory information

- **SARA Section 355 (extremely hazardous substances)**

26628-22-8 sodium azide

- **SARA Section 313 (specific toxic chemical listings)**

26628-22-8 sodium azide

- **TSCA (Toxic Substances Control Act)**

26628-22-8 sodium azide

- **California Proposition 65 - Chemicals known to cause cancer**

None of the ingredients is listed.

- **California Proposition 65 - Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **California Proposition 65 - Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **California Proposition 65 - Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

- **Carcinogenic categories**

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value established by ACGIH)**

26628-22-8 sodium azide

A4

- **Product related hazard information:**

The product has been classified and marked in accordance with regulations on hazardous materials.

- **Hazard symbols:**



Xn Harmful

- **Hazard-determining components of labeling:**

sodium azide

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Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex A
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 6)

· Risk phrases:

22 Harmful if swallowed.

· Safety phrases:

2 Keep out of the reach of children.

13 Keep away from food, drink and animal feedingstuffs.

36 Wear suitable protective clothing.

46 If swallowed, seek medical advice immediately and show this container or label.

16 Other information

To the best of our knowledge, the information contained herein is accurate. However, neither Becton, Dickinson and Company 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 can not guarantee that these are the only hazards that exist.

· Department issuing MSDS:

Environmental, Health & Safety

Created by Michael J. Spinazzola

· Contact: Technical Service Representative

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

1 Identification of the substance/mixture and of the company/undertaking

- **Product Identifier**
- **Product Name:** Test Latex B
(BBL Streptocard Enzyme Latex Test Kit)
- **Catalog Number:** 240950
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
BD Diagnostic Systems
7 Loveton Circle
Sparks, MD 21152
Telephone.: (410) 771 - 0100 or (800) 638 – 8663
- **Information Department:** Technical Service
- **Emergency telephone number:**
In case of a chemical emergency, spill, fire, exposure, or accident contact BD Diagnostic Systems (410) 771-0100 or (800)-638-8663, or ChemTrec at (800) 424-9300.

2 Composition/information on ingredients

- **Description:** Mixture consisting of the following components.

- **Dangerous Components:**

	Natural Rubber Latex	99.9%
26628-22-8	sodium azide	0.1%

3 Hazards identification

- **Classification of the substance or mixture**
 - **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
 Xn; Harmful
 R22: Harmful if swallowed.
 - **Classification system:**
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
-
- **Label elements**
 - **Labelling according to EU guidelines:**
The product has been classified and marked in accordance with regulations on hazardous materials.
 - **Code letter and hazard designation of product:**
 Xn Harmful
 - **Hazard-determining components of labelling:**
sodium azide

(Contd. on page 2)

USA

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex B
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 1)

· Risk phrases:

22 Harmful if swallowed.

· Safety phrases:

2 Keep out of the reach of children.

13 Keep away from food, drink and animal feedingstuffs.

36 Wear suitable protective clothing.

46 If swallowed, seek medical advice immediately and show this container or label.

· NFPA ratings (scale 0-4)

Health = 2

Fire = 0

Reactivity = 0

· HMIS ratings (scale 0-4)

Health = 2

Fire = 0

Reactivity = 0

4 First aid measures**· General information**

Symptoms of poisoning may even occur after several hours; therefore provide medical observation for at least 48 hours after the accident.

· After inhalation Supply fresh air; consult doctor in case of complaints.**· After skin contact** Immediately wash with water and soap and rinse thoroughly.**· After eye contact**

Rinse opened eye for 15 minutes under running water. Then consult a doctor.

· After swallowing Immediately call a doctor.**· Information for doctor** Show this product label or this MSDS.**5 Firefighting measures****· Suitable extinguishing agents**CO₂, ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam.**· Special hazards arising from the substance or mixture** Nitrogen oxides (NO_x)**· Protective equipment:** No special measures required.**6 Accidental release measures****· Personal precautions, protective equipment and emergency procedures** Not required.**· Environmental precautions:** Wipe up with damp sponge or mop.

(Contd. on page 3)

Material Safety Data Sheet

acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex B
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 2)

- **Methods and material for containment and cleaning up:** No special measures required.
- **Reference to other sections**
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

7 Handling and storage

- **Handling**
- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:**
 No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** 2 - 8 °C
- **Information about storage in one common storage facility:**
 Do not store together with oxidizing and acidic materials as well as heavy-metal compounds.
- **Further information about storage conditions:**
 Store in cool, dry conditions in well sealed containers.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:**
 No further data; see Section 7.

- **Components with limit values that require monitoring at the workplace:**

26628-22-8 sodium azide

REL	Short-term value: C 0.3** mg/m ³ , C 0.1* ppm *as HN ₃ vapor; **as NaN ₃
TLV	Short-term value: C 0.29** mg/m ³ , C 0.11* ppm *as HN ₃ vapor; **as NaN ₃

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal Protective Equipment**
- **General protective and hygienic measures**
 Keep away from foodstuffs, beverages and feed.
 Wash hands before breaks and at the end of work.
- **Breathing equipment:**
 In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respirator.
- **Protection of hands:**



Chemical resistant gloves (i.e. nitrile, or equivalent).

- **Eye protection:** Safety glasses

(Contd. on page 4)

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex B
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 3)

· **Body protection:** Protective work clothing (lab coat).

9 Physical and chemical properties

· **General Information**· **Appearance:**

Form: Liquid
Color: Light blue
Odor: Characteristic

· **pH-value:** Slightly alkaline· **Change in condition**

Melting point/Melting range: Not determined
Boiling point/Boiling range: Not determined

· **Flash point:** Not applicable· **Danger of explosion:** Forms very sensitive explosive metallic compounds.· **Density:** Not determined· **Solubility in / Miscibility with****Water:** Soluble

10 Stability and reactivity

· **Hazardous decomposition products:** Nitrogen oxides (NO_x)· **Additional information:**

Sodium azide is present in this product. Contact with acidic solutions and metal compounds over time may form potentially explosive metal azides. Should any of this material be introduced into a sanitary sewer system, flush with copious amounts of water.

11 Toxicological information

· **Acute toxicity:**· **LD/LC50 values that are relevant for classification:****26628-22-8 sodium azide**

Oral LD50 27 mg/kg (rat)

· **Primary irritant effect:**· **on the skin:** No irritating effect.· **on the eye:** No irritating effect.· **Sensitization:** No sensitizing effects known.

(Contd. on page 5)

USA

Material Safety Data Sheet
acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex B
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 4)

· Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful

This product or product container contains natural rubber latex which may cause allergic reactions. People with known or suspected allergies to latex should use appropriate safety precautions when handling.

12 Ecological information

· **Acquatic toxicity:** No further relevant information available.

· **Ecotoxicological effects:**

· **Other information:**

The ecological effects have not been thoroughly investigated, but currently none have been identified.

· **Additional ecological information:**

· **General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

13 Disposal considerations

· **Waste treatment methods**

· **Recommendation**

Must not be disposed of with solid waste.

Dispose of material in accordance with federal (40 CFR 261.3), state and local requirements.

· **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to state and federal regulations.

· **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

· **DOT regulations:**

· **Hazard class:** -

· **Land transport ADR/RID (cross-border)**

· **ADR/RID class:** -

· **Maritime transport IMDG:**

· **IMDG Class:** -

· **Marine pollutant:** No

(Contd. on page 6)

USA

Material Safety Data Sheet
 acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex B
 (BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 5)

- Air transport ICAO-TI and IATA-DGR:
- ICAO/IATA Class: -

15 Regulatory information

- **SARA Section 355 (extremely hazardous substances)**

26628-22-8 sodium azide

- **SARA Section 313 (specific toxic chemical listings)**

26628-22-8 sodium azide

- **TSCA (Toxic Substances Control Act)**

26628-22-8 sodium azide

- **California Proposition 65 - Chemicals known to cause cancer**

None of the ingredients is listed.

- **California Proposition 65 - Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **California Proposition 65 - Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **California Proposition 65 - Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

- **Carcinogenic categories**

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value established by ACGIH)**

26628-22-8 sodium azide

A4

- **Product related hazard information:**

The product has been classified and marked in accordance with regulations on hazardous materials.

- **Hazard symbols:**



Xn Harmful

- **Hazard-determining components of labeling:**

sodium azide

(Contd. on page 7)

Material Safety Data Sheet
acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex B
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 6)

· Risk phrases:

22 Harmful if swallowed.

· Safety phrases:

2 Keep out of the reach of children.

13 Keep away from food, drink and animal feedingstuffs.

36 Wear suitable protective clothing.

46 If swallowed, seek medical advice immediately and show this container or label.

· National regulations**· Additional classification according to Decree on Hazardous Materials:**

CERCLA: This product contains sodium azide which has a reportable quantity (RQ) of 1000 lbs.

SARA 311/312: Maybe subject to reporting.

313: Sodium azide is subject to reporting.

TSCA: Product is exempt under TSCA.

16 Other information

To the best of our knowledge, the information contained herein is accurate. However, neither Becton, Dickinson and Company 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 can not guarantee that these are the only hazards that exist.

· Department issuing MSDS:

Environmental, Health & Safety

Created by Michael J. Spinazzola

· Contact: Technical Service Representative

USA

Material Safety Data Sheet

acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

1 Identification of the substance/mixture and of the company/undertaking

- **Product Identifier**
- **Product Name:** Test Latex C
(BBL Streptocard Enzyme Latex Test Kit)
- **Catalog Number:** 240950
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
BD Diagnostic Systems
7 Loveton Circle
Sparks, MD 21152
Telephone.: (410) 771 - 0100 or (800) 638 – 8663
- **Information Department:** Technical Service
- **Emergency telephone number:**
In case of a chemical emergency, spill, fire, exposure, or accident contact BD Diagnostic Systems (410) 771-0100 or (800)-638-8663, or ChemTrec at (800) 424-9300.


2 Composition/information on ingredients

- **Description:** Mixture consisting of the following components.

- **Dangerous Components:**

26628-22-8	sodium azide	0.1%
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3 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
 Xn; Harmful
 R22: Harmful if swallowed.
- **Classification system:**
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

- **Label elements**

- **Labelling according to EU guidelines:**
The product has been classified and marked in accordance with regulations on hazardous materials.

- **Code letter and hazard designation of product:**



Xn Harmful

- **Hazard-determining components of labelling:**
sodium azide

(Contd. on page 2)

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex C
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 1)

· Risk phrases:

22 Harmful if swallowed.

· Safety phrases:

2 Keep out of the reach of children.

13 Keep away from food, drink and animal feedingstuffs.

36 Wear suitable protective clothing.

46 If swallowed, seek medical advice immediately and show this container or label.

· NFPA ratings (scale 0-4)

Health = 2

Fire = 0

Reactivity = 0

· HMIS ratings (scale 0-4)

Health = 2

Fire = 0

Reactivity = 0

4 First aid measures**· General information**

Symptoms of poisoning may even occur after several hours; therefore provide medical observation for at least 48 hours after the accident.

· After inhalation Supply fresh air; consult doctor in case of complaints.**· After skin contact** Immediately wash with water and soap and rinse thoroughly.**· After eye contact**

Rinse opened eye for 15 minutes under running water. Then consult a doctor.

· After swallowing Immediately call a doctor.**· Information for doctor** Show this product label or this MSDS.**5 Firefighting measures****· Suitable extinguishing agents**CO₂, ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam.**· Protective equipment:** No special measures required.**6 Accidental release measures****· Personal precautions, protective equipment and emergency procedures** Not required.**· Environmental precautions:** Wipe up with damp sponge or mop.**· Methods and material for containment and cleaning up:** No special measures required.

(Contd. on page 3)

Material Safety Data Sheet

acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex C
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 2)

- **Reference to other sections**
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

7 Handling and storage

- **Handling**
- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:**
 No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** 2 - 8 °C
- **Information about storage in one common storage facility:**
 Do not store together with oxidizing and acidic materials as well as heavy-metal compounds.
- **Further information about storage conditions:**
 Store in cool, dry conditions in well sealed containers.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:**
 No further data; see Section 7.

- **Components with limit values that require monitoring at the workplace:**

26628-22-8 sodium azide

REL	Short-term value: C 0.3** mg/m ³ , C 0.1* ppm *as HN ₃ vapor; **as NaN ₃
TLV	Short-term value: C 0.29** mg/m ³ , C 0.11* ppm *as HN ₃ vapor; **as NaN ₃

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal Protective Equipment**
- **General protective and hygienic measures**
 Keep away from foodstuffs, beverages and feed.
 Wash hands before breaks and at the end of work.
- **Breathing equipment:**
 In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respirator.
- **Protection of hands:**



Chemical resistant gloves (i.e. nitrile, or equivalent).

- **Eye protection:** Safety glasses

(Contd. on page 4)

Material Safety Data Sheet

acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex C
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 3)

· **Body protection:** Protective work clothing (lab coat).

9 Physical and chemical properties

· **General Information**

· **Appearance:**

Form:	Liquid
Color:	Light blue
Odor:	Characteristic

· **pH-value:** Slightly alkaline

· **Change in condition**

Melting point/Melting range: Not determined
Boiling point/Boiling range: Not determined

· **Flash point:** Not applicable

· **Danger of explosion:** Forms very sensitive explosive metallic compounds.

· **Density:** Not determined

· **Solubility in / Miscibility with**

Water: Soluble

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

· **Incompatible materials:**

Incompatible material: strong oxidizers.
 Incompatible materials: acidic material and metals

· **Hazardous decomposition products:** Nitrogen oxides (NO_x)

· **Additional information:**

Sodium azide is present in this product. Contact with acidic solutions and metal compounds over time may form potentially explosive metal azides. Should any of this material be introduced into a sanitary sewer system, flush with copious amounts of water.

11 Toxicological information

· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

26628-22-8 sodium azide

Oral	LD50	27 mg/kg (rat)
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(Contd. on page 5)

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex C
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 4)

- **Primary irritant effect:**
- **on the skin:** No irritating effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful

12 Ecological information

- **Acquatic toxicity:** No further relevant information available.
- **Ecotoxicological effects:**
- **Other information:**
The ecological effects have not been thoroughly investigated, but currently none have been identified.
- **Additional ecological information:**
- **General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**
Must not be disposed of with solid waste.
Dispose of material in accordance with federal (40 CFR 261.3), state and local requirements.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to state and federal regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- **DOT regulations:**
- **Hazard class:** -
- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No

(Contd. on page 6)

USA

Material Safety Data Sheet
 acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex C
 (BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 5)

- Air transport ICAO-TI and IATA-DGR:
- ICAO/IATA Class: -

15 Regulatory information

- **SARA Section 355 (extremely hazardous substances)**

26628-22-8 sodium azide

- **SARA Section 313 (specific toxic chemical listings)**

26628-22-8 sodium azide

- **TSCA (Toxic Substances Control Act)**

26628-22-8 sodium azide

- **California Proposition 65 - Chemicals known to cause cancer**

None of the ingredients is listed.

- **California Proposition 65 - Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **California Proposition 65 - Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **California Proposition 65 - Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

- **Carcinogenic categories**

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value established by ACGIH)**

26628-22-8 sodium azide

A4

- **Product related hazard information:**

The product has been classified and marked in accordance with regulations on hazardous materials.

- **Hazard symbols:**



Xn Harmful

- **Hazard-determining components of labeling:**

sodium azide

(Contd. on page 7)

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex C
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 6)

· Risk phrases:

22 Harmful if swallowed.

· Safety phrases:

2 Keep out of the reach of children.

13 Keep away from food, drink and animal feedingstuffs.

36 Wear suitable protective clothing.

46 If swallowed, seek medical advice immediately and show this container or label.

16 Other information

To the best of our knowledge, the information contained herein is accurate. However, neither Becton, Dickinson and Company 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 can not guarantee that these are the only hazards that exist.

· Department issuing MSDS:

Environmental, Health & Safety

Created by Michael J. Spinazzola

· Contact: Technical Service Representative

Material Safety Data Sheet

acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

1 Identification of the substance/mixture and of the company/undertaking

- **Product Identifier**
- **Product Name:** Test Latex D
(BBL Streptocard Enzyme Latex Test Kit)
- **Catalog Number:** 240950
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
BD Diagnostic Systems
7 Loveton Circle
Sparks, MD 21152
Telephone.: (410) 771 - 0100 or (800) 638 – 8663
- **Information Department:** Technical Service
- **Emergency telephone number:**
In case of a chemical emergency, spill, fire, exposure, or accident contact BD Diagnostic Systems (410) 771-0100 or (800)-638-8663, or ChemTrec at (800) 424-9300.


2 Composition/information on ingredients

- **Description:** Mixture consisting of the following components.

- **Dangerous Components:**

26628-22-8	sodium azide	0.1%
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3 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
 Xn; Harmful
R22: Harmful if swallowed.
- **Classification system:**
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

- **Label elements**

- **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with regulations on hazardous materials.

- **Code letter and hazard designation of product:**



Xn Harmful

- **Hazard-determining components of labelling:**
sodium azide

(Contd. on page 2)

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex D
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 1)

· Risk phrases:

22 Harmful if swallowed.

· Safety phrases:

2 Keep out of the reach of children.

13 Keep away from food, drink and animal feedingstuffs.

36 Wear suitable protective clothing.

46 If swallowed, seek medical advice immediately and show this container or label.

· NFPA ratings (scale 0-4)

Health = 2

Fire = 0

Reactivity = 0

· HMIS ratings (scale 0-4)

HEALTH	2
FIRE	0
REACTIVITY	0

Health = 2

Fire = 0

Reactivity = 0

4 First aid measures**· General information**

Symptoms of poisoning may even occur after several hours; therefore provide medical observation for at least 48 hours after the accident.

· After inhalation Supply fresh air; consult doctor in case of complaints.**· After skin contact** Immediately wash with water and soap and rinse thoroughly.**· After eye contact**

Rinse opened eye for 15 minutes under running water. Then consult a doctor.

· After swallowing Immediately call a doctor.**· Information for doctor** Show this product label or this MSDS.**5 Firefighting measures****· Suitable extinguishing agents**CO₂, ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam.**· Protective equipment:** No special measures required.**6 Accidental release measures****· Personal precautions, protective equipment and emergency procedures** Not required.**· Environmental precautions:** Wipe up with damp sponge or mop.**· Methods and material for containment and cleaning up:** No special measures required.

(Contd. on page 3)

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex D
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 2)

- **Reference to other sections**
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

7 Handling and storage

- **Handling**
- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:**
 No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** 2 - 8 °C
- **Information about storage in one common storage facility:**
 Do not store together with oxidizing and acidic materials as well as heavy-metal compounds.
- **Further information about storage conditions:**
 Store in cool, dry conditions in well sealed containers.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:**
 No further data; see Section 7.

- **Components with limit values that require monitoring at the workplace:**

26628-22-8 sodium azide

REL	Short-term value: C 0.3** mg/m ³ , C 0.1* ppm *as HN ₃ vapor; **as NaN ₃
TLV	Short-term value: C 0.29** mg/m ³ , C 0.11* ppm *as HN ₃ vapor; **as NaN ₃

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal Protective Equipment**
- **General protective and hygienic measures**
 Keep away from foodstuffs, beverages and feed.
 Wash hands before breaks and at the end of work.
- **Breathing equipment:**
 In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respirator.
- **Protection of hands:**



Chemical resistant gloves (i.e. nitrile, or equivalent).

- **Eye protection:** Safety glasses

(Contd. on page 4)

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex D
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 3)

· **Body protection:** Protective work clothing (lab coat).**9 Physical and chemical properties**· **General Information**· **Appearance:**

Form: Liquid
Color: Light blue
Odor: Characteristic

· **pH-value:** Slightly alkaline· **Change in condition**

Melting point/Melting range: Not determined
Boiling point/Boiling range: Not determined

· **Flash point:** Not applicable· **Danger of explosion:** Forms very sensitive explosive metallic compounds.· **Density:** Not determined· **Solubility in / Miscibility with****Water:** Soluble**10 Stability and reactivity**· **Hazardous decomposition products:** Nitrogen oxides (NO_x)· **Additional information:**

Sodium azide is present in this product. Contact with acidic solutions and metal compounds over time may form potentially explosive metal azides. Should any of this material be introduced into a sanitary sewer system, flush with copious amounts of water.

11 Toxicological information· **Acute toxicity:**· **LD/LC50 values that are relevant for classification:****26628-22-8 sodium azide**

Oral LD50 27 mg/kg (rat)

· **Primary irritant effect:**· **on the skin:** No irritating effect.· **on the eye:** No irritating effect.· **Sensitization:** No sensitizing effects known.

(Contd. on page 5)

Material Safety Data Sheet
acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex D
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 4)

- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful

12 Ecological information

- **Acquatic toxicity:** No further relevant information available.
- **Ecotoxicological effects:**
- **Other information:**
The ecological effects have not been thoroughly investigated, but currently none have been identified.
- **Additional ecological information:**
- **General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**
Must not be disposed of with solid waste.
Dispose of material in accordance with federal (40 CFR 261.3), state and local requirements.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to state and federal regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- **DOT regulations:**
- **Hazard class:** -
- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

- USA -

(Contd. on page 6)

Material Safety Data Sheet
 acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex D
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 5)

15 Regulatory information

 · **SARA Section 355 (extremely hazardous substances)**

26628-22-8 sodium azide

 · **SARA Section 313 (specific toxic chemical listings)**

26628-22-8 sodium azide

 · **TSCA (Toxic Substances Control Act)**

26628-22-8 sodium azide

 · **California Proposition 65 - Chemicals known to cause cancer**

None of the ingredients is listed.

 · **California Proposition 65 - Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

 · **California Proposition 65 - Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

 · **California Proposition 65 - Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

 · **Carcinogenic categories**

 · **NTP (National Toxicology Program)**

None of the ingredients is listed.

 · **TLV (Threshold Limit Value established by ACGIH)**

26628-22-8 sodium azide

A4

 · **Product related hazard information:**

The product has been classified and marked in accordance with regulations on hazardous materials.

 · **Hazard symbols:**


Xn Harmful

 · **Hazard-determining components of labeling:**

sodium azide

 · **Risk phrases:**

22 Harmful if swallowed.

 · **Safety phrases:**

2 Keep out of the reach of children.

13 Keep away from food, drink and animal feedingstuffs.

36 Wear suitable protective clothing.

(Contd. on page 7)



Material Safety Data Sheet
acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex D
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 6)

46 If swallowed, seek medical advice immediately and show this container or label.

- **National regulations**
- **Additional classification according to Decree on Hazardous Materials:**
 - CERCLA: This product contains sodium azide which has a reportable quantity (RQ) of 1000 lbs.
 - SARA 311/312: Maybe subject to reporting.
 - 313: Sodium azide is subject to reporting.
 - TSCA: Product is exempt under TSCA.

16 Other information

To the best of our knowledge, the information contained herein is accurate. However, neither Becton, Dickinson and Company 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 can not guarantee that these are the only hazards that exist.

- **Department issuing MSDS:**
 - Environmental, Health & Safety
 - Created by Michael J. Spinazzola
- **Contact:** Technical Service Representative

USA

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

1 Identification of the substance/mixture and of the company/undertaking

- **Product Identifier**
- **Product Name:** Test Latex F
(BBL Streptocard Enzyme Latex Test Kit)
- **Catalog Number:** 240950
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
BD Diagnostic Systems
7 Loveton Circle
Sparks, MD 21152
Telephone.: (410) 771 - 0100 or (800) 638 – 8663
- **Information Department:** Technical Service
- **Emergency telephone number:**
In case of a chemical emergency, spill, fire, exposure, or accident contact BD Diagnostic Systems (410) 771-0100 or (800)-638-8663, or ChemTrec at (800) 424-9300.


2 Composition/information on ingredients

- **Description:** Mixture consisting of the following components.

- **Dangerous Components:**

26628-22-8	sodium azide	0.1%
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3 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
 Xn; Harmful
 R22: Harmful if swallowed.
- **Classification system:**
 The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

- **Label elements**

- **Labelling according to EU guidelines:**
 The product has been classified and marked in accordance with regulations on hazardous materials.

- **Code letter and hazard designation of product:**



- **Hazard-determining components of labelling:**
 sodium azide

(Contd. on page 2)

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex F
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 1)

· Risk phrases:

22 Harmful if swallowed.

· Safety phrases:

2 Keep out of the reach of children.

13 Keep away from food, drink and animal feedingstuffs.

36 Wear suitable protective clothing.

46 If swallowed, seek medical advice immediately and show this container or label.

· NFPA ratings (scale 0-4)

Health = 2

Fire = 0

Reactivity = 0

· HMIS ratings (scale 0-4)

Health = 2

Fire = 0

Reactivity = 0

4 First aid measures**· General information**

Symptoms of poisoning may even occur after several hours; therefore provide medical observation for at least 48 hours after the accident.

· After inhalation Supply fresh air; consult doctor in case of complaints.**· After skin contact** Immediately wash with water and soap and rinse thoroughly.**· After eye contact**

Rinse opened eye for 15 minutes under running water. Then consult a doctor.

· After swallowing Immediately call a doctor.**· Information for doctor** Show this product label or this MSDS.**5 Firefighting measures****· Suitable extinguishing agents**CO₂, ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam.**· Special hazards arising from the substance or mixture** Nitrogen oxides (NO_x)**· Protective equipment:** No special measures required.**6 Accidental release measures****· Personal precautions, protective equipment and emergency procedures** Not required.**· Environmental precautions:** Wipe up with damp sponge or mop.

(Contd. on page 3)

Material Safety Data Sheet

acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex F
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 2)

- **Methods and material for containment and cleaning up:** No special measures required.
- **Reference to other sections**
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

7 Handling and storage

- **Handling**
- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:**
 No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** 2 - 8 °C
- **Information about storage in one common storage facility:**
 Do not store together with oxidizing and acidic materials as well as heavy-metal compounds.
- **Further information about storage conditions:**
 Store in cool, dry conditions in well sealed containers.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:**
 No further data; see Section 7.

- **Components with limit values that require monitoring at the workplace:**

26628-22-8 sodium azide

REL	Short-term value: C 0.3** mg/m ³ , C 0.1* ppm *as HN ₃ vapor; **as NaN ₃
TLV	Short-term value: C 0.29** mg/m ³ , C 0.11* ppm *as HN ₃ vapor; **as NaN ₃

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal Protective Equipment**
- **General protective and hygienic measures**
 Keep away from foodstuffs, beverages and feed.
 Wash hands before breaks and at the end of work.
- **Breathing equipment:**
 In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respirator.
- **Protection of hands:**



Chemical resistant gloves (i.e. nitrile, or equivalent).

- **Eye protection:** Safety glasses

(Contd. on page 4)

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex F
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 3)

· **Body protection:** Protective work clothing (lab coat).**9 Physical and chemical properties**· **General Information**· **Appearance:**

Form: Liquid
Color: Light blue
Odor: Characteristic

· **pH-value:** Slightly alkaline· **Change in condition**

Melting point/Melting range: Not determined
Boiling point/Boiling range: Not determined

· **Flash point:** Not applicable· **Danger of explosion:** Forms very sensitive explosive metallic compounds.· **Density:** Not determined· **Solubility in / Miscibility with****Water:** Soluble**10 Stability and reactivity**· **Hazardous decomposition products:** Nitrogen oxides (NO_x)· **Additional information:**

Sodium azide is present in this product. Contact with acidic solutions and metal compounds over time may form potentially explosive metal azides. Should any of this material be introduced into a sanitary sewer system, flush with copious amounts of water.

11 Toxicological information· **Acute toxicity:**· **LD/LC50 values that are relevant for classification:****26628-22-8 sodium azide**

Oral LD50 27 mg/kg (rat)

· **Primary irritant effect:**· **on the skin:** No irritating effect.· **on the eye:** No irritating effect.· **Sensitization:** No sensitizing effects known.

(Contd. on page 5)

USA

Material Safety Data Sheet
acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex F
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 4)

- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful

12 Ecological information

- **Acquatic toxicity:** No further relevant information available.
- **Ecotoxicological effects:**
- **Other information:**
The ecological effects have not been thoroughly investigated, but currently none have been identified.
- **Additional ecological information:**
- **General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**
Must not be disposed of with solid waste.
Dispose of material in accordance with federal (40 CFR 261.3), state and local requirements.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to state and federal regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- **DOT regulations:**
- **Hazard class:** -
- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

- USA -

(Contd. on page 6)

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex F
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 5)

15 Regulatory information

- **SARA Section 355 (extremely hazardous substances)**

26628-22-8	sodium azide
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- **SARA Section 313 (specific toxic chemical listings)**

26628-22-8	sodium azide
------------	--------------

- **TSCA (Toxic Substances Control Act)**

26628-22-8	sodium azide
------------	--------------

- **California Proposition 65 - Chemicals known to cause cancer**

None of the ingredients is listed.

- **California Proposition 65 - Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **California Proposition 65 - Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **California Proposition 65 - Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

- **Carcinogenic categories**

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value established by ACGIH)**

26628-22-8	sodium azide	A4
------------	--------------	----

- **Product related hazard information:**

The product has been classified and marked in accordance with regulations on hazardous materials.

- **Hazard symbols:**



Xn Harmful

- **Hazard-determining components of labeling:**

sodium azide

- **Risk phrases:**

22 Harmful if swallowed.

- **Safety phrases:**

2 Keep out of the reach of children.

13 Keep away from food, drink and animal feedingstuffs.

36 Wear suitable protective clothing.

(Contd. on page 7)



Material Safety Data Sheet
acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex F
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 6)

46 If swallowed, seek medical advice immediately and show this container or label.

· **National regulations**

· **Additional classification according to Decree on Hazardous Materials:**

CERCLA: This product contains sodium azide which has a reportable quantity (RQ) of 1000 lbs.

SARA 311/312: Maybe subject to reporting.

313: Sodium azide is subject to reporting.

TSCA: Product is exempt under TSCA.

16 Other information

To the best of our knowledge, the information contained herein is accurate. However, neither Becton, Dickinson and Company 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 can not guarantee that these are the only hazards that exist.

· **Department issuing MSDS:**

Environmental, Health & Safety

Created by Michael J. Spinazzola

· **Contact:** Technical Service Representative

USA

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

1 Identification of the substance/mixture and of the company/undertaking

- **Product Identifier**
- **Product Name:** Test Latex G
(BBL Streptocard Enzyme Latex Test Kit)
- **Catalog Number:** 240950
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
BD Diagnostic Systems
7 Loveton Circle
Sparks, MD 21152
Telephone.: (410) 771 - 0100 or (800) 638 – 8663
- **Information Department:** Technical Service
- **Emergency telephone number:**
In case of a chemical emergency, spill, fire, exposure, or accident contact BD Diagnostic Systems (410) 771-0100 or (800)-638-8663, or ChemTrec at (800) 424-9300.


2 Composition/information on ingredients

- **Description:** Mixture consisting of the following components.

- **Dangerous Components:**

26628-22-8	sodium azide	0.1%
------------	--------------	------

3 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
 Xn; Harmful
 R22: Harmful if swallowed.
- **Classification system:**
 The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

- **Label elements**

- **Labelling according to EU guidelines:**
 The product has been classified and marked in accordance with regulations on hazardous materials.

- **Code letter and hazard designation of product:**



- **Hazard-determining components of labelling:**
 sodium azide

(Contd. on page 2)

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex G
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 1)

· Risk phrases:

22 Harmful if swallowed.

· Safety phrases:

2 Keep out of the reach of children.

13 Keep away from food, drink and animal feedingstuffs.

36 Wear suitable protective clothing.

46 If swallowed, seek medical advice immediately and show this container or label.

· NFPA ratings (scale 0-4)

Health = 2

Fire = 0

Reactivity = 0

· HMIS ratings (scale 0-4)

Health = 2

Fire = 0

Reactivity = 0

4 First aid measures**· General information**

Symptoms of poisoning may even occur after several hours; therefore provide medical observation for at least 48 hours after the accident.

· After inhalation Supply fresh air; consult doctor in case of complaints.**· After skin contact** Immediately wash with water and soap and rinse thoroughly.**· After eye contact**

Rinse opened eye for 15 minutes under running water. Then consult a doctor.

· After swallowing Immediately call a doctor.**· Information for doctor** Show this product label or this MSDS.**5 Firefighting measures****· Suitable extinguishing agents**CO₂, ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam.**· Protective equipment:** No special measures required.**6 Accidental release measures****· Personal precautions, protective equipment and emergency procedures** Not required.**· Environmental precautions:** Wipe up with damp sponge or mop.**· Methods and material for containment and cleaning up:** No special measures required.

(Contd. on page 3)

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex G
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 2)

- **Reference to other sections**
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

7 Handling and storage

- **Handling**
- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:**
 No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** 2 - 8 °C
- **Information about storage in one common storage facility:**
 Do not store together with oxidizing and acidic materials as well as heavy-metal compounds.
- **Further information about storage conditions:**
 Store in cool, dry conditions in well sealed containers.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:**
 No further data; see Section 7.

- **Components with limit values that require monitoring at the workplace:**

26628-22-8 sodium azide

REL	Short-term value: C 0.3** mg/m ³ , C 0.1* ppm *as HN ₃ vapor; **as NaN ₃
TLV	Short-term value: C 0.29** mg/m ³ , C 0.11* ppm *as HN ₃ vapor; **as NaN ₃

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal Protective Equipment**
- **General protective and hygienic measures**
 Keep away from foodstuffs, beverages and feed.
 Wash hands before breaks and at the end of work.
- **Breathing equipment:**
 In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respirator.
- **Protection of hands:**



Chemical resistant gloves (i.e. nitrile, or equivalent).

- **Eye protection:** Safety glasses

(Contd. on page 4)

Material Safety Data Sheet
 acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex G
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 3)

 · **Body protection:** Protective work clothing (lab coat).

9 Physical and chemical properties

 · **General Information**

 · **Appearance:**

Form:	Liquid
Color:	Light blue
Odor:	Characteristic

 · **pH-value:** Slightly alkaline

 · **Change in condition**

Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined

 · **Flash point:** Not applicable

 · **Danger of explosion:** Forms very sensitive explosive metallic compounds.

 · **Density:** Not determined

 · **Solubility in / Miscibility with**

Water:	Soluble
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10 Stability and reactivity

 · **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

 · **Incompatible materials:**

Incompatible materials: acidic material and metals

Incompatible material: strong oxidizers.

 · **Hazardous decomposition products:** Nitrogen oxides (NO_x)

 · **Additional information:**

Sodium azide is present in this product. Contact with acidic solutions and metal compounds over time may form potentially explosive metal azides. Should any of this material be introduced into a sanitary sewer system, flush with copious amounts of water.

11 Toxicological information

 · **Acute toxicity:**

 · **LD/LC50 values that are relevant for classification:**
26628-22-8 sodium azide

Oral	LD50	27 mg/kg (rat)
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(Contd. on page 5)

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex G
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 4)

- **Primary irritant effect:**
- **on the skin:** No irritating effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful

12 Ecological information

- **Acquatic toxicity:** No further relevant information available.
- **Ecotoxicological effects:**
- **Other information:**
The ecological effects have not been thoroughly investigated, but currently none have been identified.
- **Additional ecological information:**
- **General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**
Must not be disposed of with solid waste.
Dispose of material in accordance with federal (40 CFR 261.3), state and local requirements.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to state and federal regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- **DOT regulations:**
- **Hazard class:** -
- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No

(Contd. on page 6)

USA

Material Safety Data Sheet
 acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex G
 (BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 5)

- Air transport ICAO-TI and IATA-DGR:
- ICAO/IATA Class: -

15 Regulatory information

- **SARA Section 355 (extremely hazardous substances)**

26628-22-8 sodium azide

- **SARA Section 313 (specific toxic chemical listings)**

26628-22-8 sodium azide

- **TSCA (Toxic Substances Control Act)**

26628-22-8 sodium azide

- **California Proposition 65 - Chemicals known to cause cancer**

None of the ingredients is listed.

- **California Proposition 65 - Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **California Proposition 65 - Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **California Proposition 65 - Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

- **Carcinogenic categories**

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value established by ACGIH)**

26628-22-8 sodium azide

A4

- **Product related hazard information:**

The product has been classified and marked in accordance with regulations on hazardous materials.

- **Hazard symbols:**



Xn Harmful

- **Hazard-determining components of labeling:**

sodium azide

(Contd. on page 7)

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Test Latex G
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 6)

· Risk phrases:

22 Harmful if swallowed.

· Safety phrases:

2 Keep out of the reach of children.

13 Keep away from food, drink and animal feedingstuffs.

36 Wear suitable protective clothing.

46 If swallowed, seek medical advice immediately and show this container or label.

16 Other information

To the best of our knowledge, the information contained herein is accurate. However, neither Becton, Dickinson and Company 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 can not guarantee that these are the only hazards that exist.

· Department issuing MSDS:

Environmental, Health & Safety

Created by Michael J. Spinazzola

· Contact: Technical Service Representative

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

1 Identification of the substance/mixture and of the company/undertaking

- **Product Identifier**
- **Product Name:** Extraction Enzyme (Lyophilized)
(BBL Streptocard Enzyme Latex Test Kit)
- **Catalog Number:** 240950
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
BD Diagnostic Systems
7 Loveton Circle
Sparks, MD 21152
Telephone.: (410) 771 - 0100 or (800) 638 – 8663
- **Information Department:** Technical Service
- **Emergency telephone number:**
In case of a chemical emergency, spill, fire, exposure, or accident contact BD Diagnostic Systems (410) 771-0100 or (800)-638-8663, or ChemTrec at (800) 424-9300.

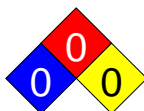
2 Composition/information on ingredients

- **Description:** Mixture consisting of the following components.
- **Dangerous Components:** Void

3 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
This product contains no hazardous constituents, or the concentration of all chemical constituents are below the regulatory threshold limits described by Occupational Safety Health Administration Hazard Communication Standard 29 CFR 1910.1200, the Canada's Workplace Hazardous Materials Information System (WHMIS) and the European Directive 67/548/EEC and 1999/45/EC.
Void
- **Classification system:**
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

- **Label elements**
- **Labelling according to EU guidelines:**
Observe the general safety regulations when handling chemicals
The product is not subject to identification regulations pertaining to regulations on hazardous materials.
- **NFPA ratings (scale 0-4)**



Health = 0
Fire = 0
Reactivity = 0

(Contd. on page 2)

USA

Material Safety Data Sheet
acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Extraction Enzyme (Lyophilized)
(BBL Streptocard Enzyme Latex Test Kit)**· HMIS ratings (scale 0-4)**

(Contd. of page 1)

HEALTH	0	Health = 0
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

4 First aid measures

- **General information** No special measures required.
- **After inhalation** Seek medical treatment in case of complaints.
- **After skin contact** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing** If symptoms persist consult doctor.
- **Information for doctor** Show this product label or this MSDS.

5 Firefighting measures

- **Suitable extinguishing agents**
CO₂, ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Wipe up with damp sponge or mop.
- **Methods and material for containment and cleaning up:** No special measures required.
- **Reference to other sections** No dangerous substances are released.

7 Handling and storage

- **Handling**
- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:**
No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** 2 - 8 °C
- **Information about storage in one common storage facility:** Not required.

(Contd. on page 3)

Material Safety Data Sheet

acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Extraction Enzyme (Lyophilized)
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 2)

- **Further information about storage conditions:**
 Store in cool, dry conditions in well sealed containers.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:**
 No further data; see Section 7.
- **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 at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal Protective Equipment**
- **General protective and hygienic measures**
 The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:**
 In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respirator.
- **Protection of hands:**



Chemical resistant gloves (i.e. nitrile, or equivalent).

- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing (lab coat).

9 Physical and chemical properties

- **General Information**
- **Appearance:**
 - Form:** Liquid
 - Color:** Colorless
 - Odor:** Characteristic
- **pH-value:** Slightly acidic
- **Change in condition:** Undetermined
- **Melting point/Melting range:** Not determined
- **Boiling point/Boiling range:** Not determined
- **Flash point:** Not applicable
- **Danger of explosion:** Product does not present an explosion hazard.
- **Density:** Not determined

(Contd. on page 4)

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Extraction Enzyme (Lyophilized)
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 3)

- **Solubility in / Miscibility with Water:** Soluble

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritating effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product is not subject to OSHA classification according to internally approved calculation methods for preparations.
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information

- **Aquatic toxicity:** No further relevant information available.
- **Ecotoxicological effects:**
- **Other information:**
The ecological effects have not been thoroughly investigated, but currently none have been identified.
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**
This product contains mercury (thimerosal). Dispose of material in accordance with state and local requirements.
Must not be disposed of with solid waste.
Dispose of material in accordance with federal (40 CFR 261.3), state and local requirements.

(Contd. on page 5)



Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Extraction Enzyme (Lyophilized)
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 4)

- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to state and federal regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- **DOT regulations:**
- **Hazard class:** -
- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

· **Transport/Additional information:**
If a dashed line appears in the Hazard Class section for the type of transportation, this indicates the product is not regulated for transportation.

15 Regulatory information

- **SARA Section 355 (extremely hazardous substances)**
None of the ingredients is listed.
- **SARA Section 313 (specific toxic chemical listings)**
None of the ingredients is listed.
- **TSCA (Toxic Substances Control Act)**
54-64-8 | thimerosal
- **California Proposition 65 - Chemicals known to cause cancer**
None of the ingredients is listed.
- **California Proposition 65 - Chemicals known to cause reproductive toxicity**
Mercury and mercury compounds are chemicals known to the State of California to cause reproductive toxicity. Note: Contains less than or equal to 0.03% of an organic mercury compound. Foreseeable use of this product does not pose a known threat reproductive toxicity.
- **California Proposition 65 - Chemicals known to cause reproductive toxicity for females:**
None of the ingredients is listed.

(Contd. on page 6)



Material Safety Data Sheet

acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Extraction Enzyme (Lyophilized)
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 5)

· **California Proposition 65 - Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **California Proposition 65 - Chemicals known to cause developmental toxicity:**

54-64-8 | thimerosal

· **Carcinogenic categories**

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **Product related hazard information:**

Observe the general safety regulations when handling chemicals

The product is not subject to identification regulations pertaining to regulations on hazardous materials.

16 Other information

To the best of our knowledge, the information contained herein is accurate. However, neither Becton, Dickinson and Company 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 can not guarantee that these are the only hazards that exist.

· **Department issuing MSDS:**

Environmental, Health & Safety

Created by Michael J. Spinazzola

· **Contact:** Technical Service Representative

USA

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

1 Identification of the substance/mixture and of the company/undertaking

- **Product Identifier**
- **Product Name: Positive Control (+)**
(BBL Streptocard Enzyme Latex Test Kit)
- **Catalog Number: 240950**
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
BD Diagnostic Systems
7 Loveton Circle
Sparks, MD 21152
Telephone.: (410) 771 - 0100 or (800) 638 – 8663
- **Information Department: Technical Service**
- **Emergency telephone number:**
Tel: 32 53 720402
In case of a chemical emergency, spill, fire, exposure, or accident contact BD Diagnostic Systems (410) 771-0100 or (800)-638-8663, or ChemTrec at (800) 424-9300.



2 Composition/information on ingredients

- **Description:** Mixture consisting of the following components.

- **Dangerous Components:**

26628-22-8	sodium azide	0.1%
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3 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
 Xn; Harmful
 R22: Harmful if swallowed.
- **Classification system:**
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
- **Label elements**
- **Labelling according to EU guidelines:**
The product has been classified and marked in accordance with regulations on hazardous materials.
- **Code letter and hazard designation of product:**
 Xn Harmful
- **Hazard-determining components of labelling:**
sodium azide

(Contd. on page 2)

USA

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Positive Control (+)
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 1)

· Risk phrases:

22 Harmful if swallowed.

· Safety phrases:

2 Keep out of the reach of children.

13 Keep away from food, drink and animal feedingstuffs.

36 Wear suitable protective clothing.

46 If swallowed, seek medical advice immediately and show this container or label.

· NFPA ratings (scale 0-4)

Health = 2

Fire = 0

Reactivity = 0

· HMIS ratings (scale 0-4)

Health = 2

Fire = 0

Reactivity = 0

4 First aid measures**· General information**

Symptoms of poisoning may even occur after several hours; therefore provide medical observation for at least 48 hours after the accident.

· After inhalation Supply fresh air; consult doctor in case of complaints.**· After skin contact** Immediately wash with water and soap and rinse thoroughly.**· After eye contact**

Rinse opened eye for 15 minutes under running water. Then consult a doctor.

· After swallowing Immediately call a doctor.**· Information for doctor** Show this product label or this MSDS.**5 Firefighting measures****· Suitable extinguishing agents**CO₂, ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam.**· Special hazards arising from the substance or mixture** Nitrogen oxides (NO_x)**· Protective equipment:** No special measures required.**6 Accidental release measures****· Personal precautions, protective equipment and emergency procedures** Not required.**· Environmental precautions:** Wipe up with damp sponge or mop.

(Contd. on page 3)

USA

Material Safety Data Sheet

acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Positive Control (+)
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 2)

- **Methods and material for containment and cleaning up:** No special measures required.
- **Reference to other sections**
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

7 Handling and storage

- **Handling**
- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:**
 No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** 2 - 8 °C
- **Information about storage in one common storage facility:**
 Do not store together with oxidizing and acidic materials as well as heavy-metal compounds.
- **Further information about storage conditions:**
 Store in cool, dry conditions in well sealed containers.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:**
 No further data; see Section 7.

- **Components with limit values that require monitoring at the workplace:**

26628-22-8 sodium azide

REL	Short-term value: C 0.3** mg/m ³ , C 0.1* ppm *as HN ₃ vapor; **as NaN ₃
TLV	Short-term value: C 0.29** mg/m ³ , C 0.11* ppm *as HN ₃ vapor; **as NaN ₃

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal Protective Equipment**
- **General protective and hygienic measures**
 Keep away from foodstuffs, beverages and feed.
 Wash hands before breaks and at the end of work.
- **Breathing equipment:**
 In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respirator.
- **Protection of hands:**



Chemical resistant gloves (i.e. nitrile, or equivalent).

- **Eye protection:** Safety glasses

(Contd. on page 4)

Material Safety Data Sheet

acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Positive Control (+)
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 3)

· **Body protection:** Protective work clothing (lab coat).

9 Physical and chemical properties

· **General Information**

· **Appearance:**

Form:	Liquid
Color:	Colorless
Odor:	Characteristic

· **pH-value:** Slightly alkaline

· **Change in condition**

Melting point/Melting range: Not determined
Boiling point/Boiling range: Not determined

· **Flash point:** Not applicable

· **Danger of explosion:** Forms very sensitive explosive metallic compounds.

· **Density:** Not determined

· **Solubility in / Miscibility with**

Water: Soluble

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

· **Incompatible materials:**

Incompatible materials: acidic material and metals

Incompatible material: strong oxidizers.

· **Hazardous decomposition products:** Nitrogen oxides (NO_x)

· **Additional information:**

Sodium azide is present in this product. Contact with acidic solutions and metal compounds over time may form potentially explosive metal azides. Should any of this material be introduced into a sanitary sewer system, flush with copious amounts of water.

11 Toxicological information

· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

26628-22-8 sodium azide

Oral	LD50	27 mg/kg (rat)
------	------	----------------

(Contd. on page 5)

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Positive Control (+)
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 4)

- **Primary irritant effect:**
- **on the skin:** No irritating effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful

12 Ecological information

- **Acquatic toxicity:** No further relevant information available.
- **Ecotoxicological effects:**
- **Other information:**
The ecological effects have not been thoroughly investigated, but currently none have been identified.
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**
Must not be disposed of with solid waste.
Dispose of material in accordance with federal (40 CFR 261.3), state and local requirements.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to state and federal regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- **DOT regulations:**
- **Hazard class:** -
- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No

(Contd. on page 6)

USA

Material Safety Data Sheet
 acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Positive Control (+)
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 5)

- Air transport ICAO-TI and IATA-DGR:
- ICAO/IATA Class: -

15 Regulatory information

- **SARA Section 355 (extremely hazardous substances)**

26628-22-8 sodium azide

- **SARA Section 313 (specific toxic chemical listings)**

26628-22-8 sodium azide

- **TSCA (Toxic Substances Control Act)**

26628-22-8 sodium azide

- **California Proposition 65 - Chemicals known to cause cancer**

None of the ingredients is listed.

- **California Proposition 65 - Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **California Proposition 65 - Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **California Proposition 65 - Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

- **Carcinogenic categories**

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value established by ACGIH)**

26628-22-8 sodium azide

A4

- **Product related hazard information:**

The product has been classified and marked in accordance with regulations on hazardous materials.

- **Hazard symbols:**



Xn Harmful

- **Hazard-determining components of labeling:**

sodium azide

(Contd. on page 7)



Material Safety Data Sheet
acc. to ISO/DIS 11014

Date Prepared: 04/21/2011

Reviewed On: 02/11/2011

Product Name: Positive Control (+)
(BBL Streptocard Enzyme Latex Test Kit)

(Contd. of page 6)

· **Risk phrases:**

22 Harmful if swallowed.

· **Safety phrases:**

2 Keep out of the reach of children.

13 Keep away from food, drink and animal feedingstuffs.

36 Wear suitable protective clothing.

46 If swallowed, seek medical advice immediately and show this container or label.

· **National regulations**

· **Additional classification according to Decree on Hazardous Materials:**

CERCLA: This product contains sodium azide which has a reportable quantity (RQ) of 1000 lbs.

SARA 311/312: Maybe subject to reporting.

313: Sodium azide is subject to reporting.

TSCA: Product is exempt under TSCA.

16 Other information

To the best of our knowledge, the information contained herein is accurate. However, neither Becton, Dickinson and Company 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 can not guarantee that these are the only hazards that exist.

· **Department issuing MSDS:**

Environmental, Health & Safety

Created by Michael J. Spinazzola

· **Contact:** Technical Service Representative

USA