



Date Prepared: 07/31/2007

Reviewed On: 07/31/2007

1 Identification of substance:

- **Product name:** *Reagent A - Latex Antigen*
(RubuScan Test Kit)
- **Catalog number:** 261701
- **Manufacturer/Supplier:**
BD Diagnostic Systems
7 Loveton Circle
Sparks, MD 21152
Telephone: (410) 771-0100 or (800) 638-8663
- **Information department:** Technical services
- **Emergency information:**
In case of a chemical emergency, spill, fire, exposure, or accident contact BD Diagnostic Systems at (410)771-0100 or (800) 638-8663, or ChemTrec at (800) 424-9300.

2 Composition/Data on components:

- **Chemical characterization:**
- **CAS No. Description:**
Not applicable
- **Chemical characterization**
- **Description:** Mixture consisting of the following components.

· **Dangerous components:**

26628-22-8	sodium azide	0.2%
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3 Hazards identification

· **Hazard description:**



Xn Harmful

- **Information pertaining to particular dangers for man and environment**
R 22 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.
- **NFPA 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.

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Material Safety Data Sheet
acc. to ISO/DIS 11014

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

9 Physical and chemical properties:

• **General Information**

Form:	Liquid
Color:	According to product specification
Odor:	Characteristic

• **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.
- **Materials to be avoided:**
Incompatible materials: acidic material and metals
Incompatible material: strong oxidizers.
- **Dangerous products of decomposition:** Nitrogen oxides (NOx)
- **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.

USA

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

15 Regulations

· 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.	
· Carcinogenicity categories	
· IARC (International Agency for Research on Cancer)	
None of the ingredients is listed.	
· 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.

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