1. Product and Company Identification

**Product Identifier**

**Product Name:** Deproteinizer Solution

**Product Code:** CD-105610D

Component A (contains 5-Bromo-5-Nitro-1,3-Dioxane)
Component B (contains pepsin)

**Recommended Use:** For the daily removal of protein buildup from sample path.

**Company**
Diamond Diagnostics Inc.
333 Fiske Street
Holliston, MA 01746

**Company Phone Number** 508-429-0450

**Email** support@diamondddiagnostics.com

**Emergency Telephone No:** 508-429-0450

2. Hazards Identification

**GHS- Classification**

**Classification** Irritant, Health Hazard

**Hazard Statements**

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.

**Precautionary Statements**

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

3. Composition/Information on ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>EC No.</th>
<th>Reach Reg. No.</th>
<th>CAS-No.</th>
<th>Weight %</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-Bromo-5-nitro-1,3-dioxane</td>
<td>250-001-7</td>
<td>Not available</td>
<td>30007-47-7</td>
<td>&lt; 0.02%</td>
<td>Acute Tox. 4; Skin Irrit. 2; H302, H315</td>
</tr>
<tr>
<td>Pepsin</td>
<td>Not available</td>
<td>Not available</td>
<td>9001-75-6</td>
<td>&lt; 0.02%</td>
<td>Not available</td>
</tr>
</tbody>
</table>

4. First Aid Measures

**Eye Contact**
Flush affected area with copious amounts of water.

**Skin Contact**
Flush affected area with copious amounts of water.

**Inhalation**
Remove from exposure and move to fresh air promptly. If not breathing, give artificial respiration and seek medical aid.

**Ingestion**
Rinse mouth with water, drink large quantities of water and seek medical aid.

**Notes to Physician**
Treat symptomatically
5. Fire-Fighting Measures

Flammable Properties No information available
Flash Point No information available
Suitable Extinguishing Media Suitable for surrounding fire
Hazardous Combustion Products No information available
Protective Equipment and Precautions for Firefighters Self-contained breathing apparatus and protective clothing

6. Accidental Release Measures

Personnel Precautions Use personnel protective equipment. Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas.
Methods for Containment & Cleaning Soak up with damp cloth or paper. Rinse affected area with copious amounts of water. Dispose of in accordance with applicable federal, state, and local laws and regulations.
Environmental Precautions Do not let product enter drains.

7. Handling and Storage

Handling Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition – No Smoking. Take measures to prevent buildup of electrostatic charge.
Storage Keep container closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Storage class (TRGS 510): Non-combustible, corrosive hazardous materials.
Specific use See Section 1 – Recommended Use

8. Exposure Controls / Personnel

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-Bromo-5-nitro-1,3-dioxane</td>
<td>Not listed</td>
<td>Not listed</td>
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</tr>
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<td>9001-75-6</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

Engineering Measures Showers
Eye Wash Stations
Ventilation Systems

Personnel Protective Equipment

Eye/Face Protection Safety goggles with side-shields
Skin Protection Wear protective gloves/clothing
Respiratory Protection If exposure limits are exceeded or irritation is experienced; NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required high airborne containment concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures Complete suit protecting against chemicals, Flame resistant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Environment Exposure Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

9. Physical and Chemical Properties
### 10. Stability and Reactivity

**Reactivity**
No information available

**Chemical Stability**
Stable

**Incompatible Materials**
Alcohol, alkalis, tannins and salts of heavy metals

**Hazardous Decomposition Products**
No information available

**Hazardous Polymerization:**
Will not occur

**Conditions to avoid:**
avoid exposure to heat and light

**Suggested Storage:**
Store as recommended on product label

### 11. Toxicological Information

**Acute Toxicity**
No information available

**Chronic Toxicity**
Irritation to affected area

**Target Organ Effects**
No information available

**Carcinogenicity**
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.

12. Ecological Information

Ecotoxicity  
Toxic to fish, daphnia and other aquatic invertebrates.

13. Disposal Considerations

Waste Disposal Method  
In accordance with applicable federal, state, and local laws and regulations.

Contaminated Packaging  
In accordance with applicable federal, state, and local laws and regulations.

14. Transport Information

IATA  
Not regulated

DOR  
Not regulated

15. Regulatory Information

SARA 302 Components  
No chemicals in this material are subject to reporting requirements of SARA Title III, Section 302.

SARA 313 Components  
The following components are subject to reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards  
Acute Health Hazard

Massachusetts right to know components  
No components are subject to the Massachusetts Right to Know Act.

Pennsylvania right to know components  
CAS-No.  
5-Bromo-5-nitro-1,3-Dioxane  
30007-47-7  
Revision Date:

New Jersey right to know components  
CAS-No.  
5-Bromo-5-nitro-1,3-Dioxane  
30007-47-7  
Revision Date:

California Prop. 65 Components  
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. Other Information

Issuing Date  
31-December-2008

Revision Date  
30-November-2015

Revision Note  
No information available

Recommended Restrictions  
No Restrictions

Disclaimer  
The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in text.