1. Product and Company Identification

**Product Identifier**

**Product Name:** Standard C  
**Product Code:** AV-BP0938D  
**Recommended Use:** To provide calibration points for Na, K, & Li electrodes.

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

**Company Phone Number**  
508-429-0450  
**Email**  
support@diamonddiagnostics.com  
**Emergency Telephone No:**  
508-429-0450

2. Hazards Identification

**GHS- Classification**

**Classification**  
Skin Irritant, Eye Irritant

**Hazard Statements**

H302 Harmful if swallowed.  
H315 Cause skin irritation.

**Precautionary Statements**

P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P301 + P312 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell.  
P302 + P352 IF ON SKIN: Wash with plenty of water.  
P330 Rinse mouth.  
P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P362 Take off contaminated clothing.  
P501 Dispose of contents/container to an approved waste disposal plant.

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-</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;</td>
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<tr>
<td>dioxane</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>H302, H315</td>
</tr>
<tr>
<td>2,2',2&quot;-Nitrilotriethanol</td>
<td>203-049-8</td>
<td>Not available</td>
<td>102-71-6</td>
<td>&lt; 0.5%</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
Wear self-contained breathing apparatus for firefighting if necessary.

6. Accidental Release Measures

Personnel Precautions
Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

Methods for Containment & Cleaning
Soak up with non-combustible absorbent material. 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 formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

Storage
Keep container closed in a dry and well-ventilated place

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>
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</thead>
<tbody>
<tr>
<td>5-Bromo-5-nitro-1,3-dioxane</td>
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<td>102-71-6</td>
<td></td>
<td></td>
<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
For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK - P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

Hygiene Measures
Complete suit protecting against chemicals. 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

Appearance
Clear Liquid

Odor
No information available

Odor Threshold
No information available

pH
No information available
10. Stability and Reactivity

Reactivity
No information available

Chemical Stability
Stable

Incompatible Materials
No information available

Hazardous Decomposition Products
No information available

Hazardous Polymerization:
No information available

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 of affected area.

Target Organ Effects
No information available

Carcinogenicity
IARC: 3- Group 3: Not classifiable as to its Carcinogenicity to humans (2,2,2"-Nitrolothrienthanol)

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
This material does not contain any chemical components with known CAS numbers that exceed the threshold (DeMinimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards
Acute Health Hazard

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

Pennsylvania right to know components

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<th>CAS-No.</th>
<th>Revision Date</th>
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New Jersey right to know components

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</table>

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.