

## 1. Product and Company Identification

### Product Identifier

**Product Name:** Standard A

**Product Code:** AV-BP0936D

**Recommended Use:** To provide calibration points for Na<sup>+</sup>, K<sup>+</sup>, Cl<sup>-</sup>, & Li<sup>+</sup> electrodes.

### Company

Diamond Diagnostics Inc.  
333 Fiske Street  
Holliston, MA 01746

**Company Phone Number** 508-429-0450  
**Email** [support@diamonddiagnostics.com](mailto: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

Chemical Name	EC No.	Reach Reg. No.	CAS-No.	Weight %	Classification
5-Bromo-5-nitro-1, 3-dioxane	250-001-7	Not available	30007-47-7	< 0.02%	Acute Tox. 4; Skin Irrit. 2; H302, H315
2,2',2''-Nitrilotriethanol	203-049-8	Not available	102-71-6	< 0.5%	Not available

## 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

<b>Flammable Properties</b>	No information available
<b>Flash Point</b>	No information available
<b>Suitable Extinguishing Media</b>	Suitable for surrounding fire.
<b>Hazardous Combustion Products</b>	No information available
<b>Protective Equipment and Precautions for Firefighters</b>	Wear self-contained breathing apparatus for firefighting if necessary.

## 6. Accidental Release Measures

<b>Personnel Precautions</b>	Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.
<b>Methods for Containment &amp; Cleaning</b>	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.
<b>Environmental Precautions</b>	Do not let product enter drains.

## 7. Handling and Storage

<b>Handling</b>	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
<b>Storage</b>	Keep container closed in a dry and well-ventilated place
<b>Specific use</b>	See Section 1 – Recommended Use

## 8. Exposure Controls / Personnel

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
5-Bromo-5-nitro-1, 3-dioxane 30007-47-7	Not listed	Not listed	Not listed
2,2',2"-Nitrilotriethanol 102-71-6	Not listed	Not listed	Not listed

<b>Engineering Measures</b>	Showers Eye Wash Stations Ventilation Systems
<b>Personnel Protective Equipment</b>	
<b>Eye/Face Protection</b>	Safety goggles with side-shields
<b>Skin Protection</b>	Wear protective gloves/clothing
<b>Respiratory Protection</b>	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)
<b>Hygiene Measures</b>	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.
<b>Environment Exposure</b>	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

## 9. Physical and Chemical Properties

<b>Appearance</b>	Clear Liquid
<b>Odor</b>	No information available
<b>Odor Threshold</b>	No information available
<b>pH</b>	No information available

<b>Melting Point</b>	No information available
<b>Freezing Point</b>	0°C
<b>Initial Boiling Point</b>	Approx. 100 °C
<b>Flash Point</b>	No information available
<b>Evaporation Rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Upper/Lower flammability or explosive limits</b>	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Relative density</b>	No information available
<b>Water Solubility</b>	No information available
<b>Partition coefficient: (n-octanol/water)</b>	No information available
<b>Auto-ignition temperature</b>	No information available
<b>Decomposition Temperature °C</b>	No information available
<b>Viscosity</b>	No information available
<b>Explosive properties</b>	No information available
<b>Oxidizing properties</b>	No information available

## 10. Stability and Reactivity

<b>Reactivity</b>	No information available
<b>Chemical Stability</b>	Stable
<b>Incompatible Materials</b>	No information available
<b>Hazardous Decomposition Products</b>	No information available
<b>Hazardous Polymerization:</b>	Will not occur
<b>Conditions to avoid:</b>	Avoid exposure to heat and light
<b>Suggested Storage:</b>	Store as recommended on product label

## 11. Toxicological Information

<b>Acute Toxicity</b>	No information available
<b>Chronic Toxicity</b>	Irritation of affected area.
<b>Target Organ Effects</b>	No information available
<b>Carcinogenicity</b>	<p>IARC: 3- Group 3: Not classifiable as to its Carcinogenicity to humans (2,2,2"-Nitrilothrrienthanol)</p> <p>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.</p> <p>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.</p> <p>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.</p>

## 12. Ecological Information

<b>Ecotoxicity</b>	Toxic to fish, daphnia and other aquatic invertebrates.
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## 13. Disposal Considerations

<b>Waste Disposal Method</b>	In accordance with applicable federal, state, and local laws and regulations.
<b>Contaminated Packaging</b>	In accordance with applicable federal, state, and local laws and regulations.

## 14. Transport Information

<b>IATA</b>	Not regulated
<b>DOR</b>	Not regulated

## 15. Regulatory Information

<b>SARA 302 Components</b>	No chemicals in this material are subject to reporting requirements of SARA Title III, Section 302.
<b>SARA 313 Components</b>	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.
<b>SARA 311/312 Hazards</b>	Acute Health Hazard

### Massachusetts right to know components

No components subject to the Massachusetts Right to Know Act.

### Pennsylvania right to know components

	CAS-No.	Revision Date:
5-Bromo-5-nitro-1,3-dioxane	30007-47-7	
2,2',2"-Nitrilotriethanol	102-71-6	1993-04-24

### New Jersey right to know components

	CAS-No.	Revision Date:
5-Bromo-5-nitro-1,3-dioxane	30007-47-7	
2,2',2"-Nitrilotriethanol	102-71-6	1993-04-24

### 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

<b>Issuing Date</b>	31-December-2008
<b>Revision Date</b>	30-November-2015
<b>Revision Note</b>	No information available
<b>Recommended Restrictions</b>	No Restrictions

### Disclaimer

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