1. Product and Company Identification

**Product Identifier**

**Product Name:** Standard B  
**Product Code:** DD-61013  
**Recommended Use:** For the calibration of Na+, K+, and Cl-.  
**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**  
Health Hazard

**Hazard Statements**

H319  
Causes serious eye irritation.

H334  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Precautionary Statements**

P261  
Avoid breathing dust/fume/gas/mist/vapors/spray.

P264  
Wash skin thoroughly after handling.

P280  
Wear protective gloves/protective clothing/eye protection/face protection.

P304 + P341  
IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position 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.

P337 + P313  
If eye irritation persists: Get medical advice/attention.

P342 + P311  
If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

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>1,3-Bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione</td>
<td>229-222-8</td>
<td>Not available</td>
<td>6440-58-0</td>
<td>&lt; 0.2%</td>
<td>Acute Tox. 4; Eye Irrit. 2A; Resp Sens 1; H302, H319, H334</td>
</tr>
</tbody>
</table>

4. First Aid Measures

**Eye Contact**  
Flush affected area for 15 minutes with water.

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

**Inhalation**  
Remove victim to fresh air. If breathing is difficult, give oxygen and seek medical aid.

**Ingestion**  
If swallowed, drink water and seek medical aid if irritation persists.

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

Flammable Properties
No information available

Flash Point
Approx. 100°C

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 inhaling, ingesting and contact with eyes and skin.

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 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>
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<tr>
<td>1,3-Bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione 6440-58-0</td>
<td>Not listed</td>
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<td>Not listed</td>
</tr>
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</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

Appearance
Clear Liquid

Odor
No information available

Odor Threshold
No information available
10. Stability and Reactivity

**Reactivity**
No information available

**Chemical Stability**
Stable

**Incompatible Materials**
Strong acids and bases

**Hazardous Decomposition Products**
Formaldehyde will be released when heated to 90°C

**Hazardous Polymerization:**
Will not occur

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

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

11. Toxicological Information

**Acute Toxicity**
No information available

**Chronic Toxicity**
May cause allergic response in persons with preexisting sensitivity to formaldehyde.

**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 OSHA.
## 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**

<table>
<thead>
<tr>
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<th>Revision Date</th>
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**New Jersey right to know components**

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**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**
17-July-2015

**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.