1. Product and Company Identification

Product Identifier

Product Name: Red Test Dye

Product Code: ME-2578D

Recommended Use: For troubleshooting fluidics.

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.

P341 + P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

P301 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>229-222-6</td>
<td>Not available</td>
<td>6440-58-0</td>
<td>&lt; 0.1%</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**: 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 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>
</tr>
</thead>
<tbody>
<tr>
<td>1,3-Bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione 6440-58-0</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</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

- **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>
<th>Component</th>
<th>CAS-No.</th>
<th>Revision Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,3-Bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione</td>
<td>6440-58-0</td>
<td></td>
</tr>
</tbody>
</table>

New Jersey right to know components

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
<th>Revision Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,3-Bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione</td>
<td>6440-58-0</td>
<td></td>
</tr>
</tbody>
</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.