1. Product and Company Identification

**Product Identifier**

**Product Name:** Mission Trinity B Level 1·2·3

**Product Code:** DD-96123

**Recommended Use:** For monitoring the performance of blood gas, electrolyte, metabolite, and CO-Oximeter.

**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, Corrosive, Irritant, Environmentally Damaging

**Hazard Statements**

H302 + H332
Harmful if swallowed or if inhaled.

H314
Causes severe skin burns and eye damage.

H317
May cause an allergic skin reaction.

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

H410
Very toxic to aquatic life with long lasting effects.

**Precautionary Statements**

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

P264
Wash skin thoroughly after handling.

P270
Do not eat, drink or smoke when using this product.

P271
Use only outdoors or in a well-ventilated area.

P272
Contaminated work clothing should not be allowed.

P273
Avoid release to the environment.

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

P285
In case of inadequate ventilation wear respiratory protection.

P301 + P312
IF SWALLOWED: Call a POISON CENTER or doctor / physician if you feel unwell.

P301 + P330 + P331
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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.

P310
Immediately call a POISON CENTER or doctor/physician.

P333 + P313
If skin irritation or rash occurs. Get medical advice / attention.

P363
Wash contaminated clothing before reuse

P391
Collect spillage.

P405
Store locked up.

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-Chloro-2-methyl-4-isothiazolin-3-one</td>
<td>247-500-7</td>
<td>N/A</td>
<td>26172-55-4</td>
<td>&lt; 0.001%</td>
<td>Acute Tox. 4; Skin Corr. 1B; Eye Dam. 1; Resp. Sens. 1; Skin Sens. 1; Aquatic Acute 1; Aquatic Chronic 1; H302, H314, H317, H334, H410</td>
</tr>
</tbody>
</table>
2-Methyl-4-isothiazolin-3-one | 220-239-6 | N/A | 2682-20-4 | < 0.0005% | Acute Tox. 4; Acute Tox. 3; Skin Corr. 1B; Eye Dam. 1; Skin Sens. 1; STOT SE 3; Aquatic Acute 1; H302, H314, H317, H331, H335, H400

Eye Contact: Flush affected area with copious amounts of water for at least 15 minutes.

Skin Contact: Wash affected area with copious amounts of soap and water. If irritation persists, seek medical aid.

Inhalation: Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Seek medical aid if cough or other symptoms appear.

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: 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 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>5-Chloro-2-methyl-4-isothiazolin-3-one 26172-55-4</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>2-Methyl-4-isothiazolin-3-one 2682-20-4</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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear Purple Liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>No information available</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>pH</td>
<td>No information available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>No information available</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>0°C</td>
</tr>
<tr>
<td>Initial Boiling Point</td>
<td>Approx. 100 °C</td>
</tr>
<tr>
<td>Flash Point</td>
<td>No information available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
</tr>
<tr>
<td>Upper/Lower flammability or explosive limits</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No information available</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>No information available</td>
</tr>
<tr>
<td>Partition coefficient: (n-octanol/water)</td>
<td>No information available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No information available</td>
</tr>
<tr>
<td>Decomposition Temperature °C</td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No information available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No information available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No information available</td>
</tr>
</tbody>
</table>

10. Stability and Reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>No information available</td>
</tr>
<tr>
<td>Chemical Stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Incompatible Materials</td>
<td>Strong acids and bases</td>
</tr>
<tr>
<td>Hazardous Decomposition Products</td>
<td>No information available</td>
</tr>
<tr>
<td>Hazardous Polymerization:</td>
<td>None</td>
</tr>
<tr>
<td>Conditions to avoid:</td>
<td>Avoid exposure to heat and light</td>
</tr>
<tr>
<td>Suggested Storage</td>
<td>Store as recommended on product label</td>
</tr>
</tbody>
</table>
11. Toxicological Information

Acute Toxicity
No information available

Chronic Toxicity
Frequent and prolonged contact with the skin can cause irritation. May cause eye irritation. If ingested, may cause discomfort, nausea, or vomiting.

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
No data available

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 (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards
Acute Health Hazard

Massachusetts right to know components

Magnesium nitrate hexahydrate
CAS-No. 13446-18-9
Revision Date: 1993-04-24

Pennsylvania right to know components

Magnesium nitrate hexahydrate
CAS-No. 13446-18-9
Revision Date: 1993-04-24

2-Methyl-4-isothiazolin-3-one
CAS-No. 2682-20-4
Revision Date: 1993-04-24

New Jersey right to know components

Magnesium nitrate hexahydrate
CAS-No. 13446-18-9
Revision Date: 1993-04-24

5-chloro-2-methyl-4-isothiazolin-3-one
CAS-No. 26172-55-4
Revision Date: 1993-04-24

Magnesium chloride
CAS-No. 7786-30-3
Revision Date: 1993-04-24

2-Methyl-4-isothiazolin-3-one
CAS-No. 2682-20-4
Revision Date: 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

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.