

## 1. Product and Company Identification

### Product Identifier

**Product Name:** Mission Trinity R Control, Level 3

**Product Code:** DD-97003

**Recommended Use:** For monitoring the performance of blood gas, electrolyte, metabolite, and CO-Oximeter instrumentation for the analysts and analyzers listed on the Expected Values Chart.

### 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** Health Hazard, Corrosive, Skin Irritant, Eye 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

Chemical Name	EC No.	Reach Reg. No.	CAS-No.	Weight %	Classification
5-Chloro-2-methyl-4-isothiazolin-3-one	247-500-7	N/A	26172-55-4	< 0.001%	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
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

### 4. First Aid Measures

<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult physician. Continue rinsing eyes during transport to hospital.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Consult a physician.
<b>Inhalation</b>	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water. Consult a physician.
<b>Notes to Physician</b>	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>	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.
<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 inhalation of vapor or mist.
<b>Storage</b>	Store as recommended on product label.
<b>Specific use</b>	See Section 1 – Recommended Use

## 8. Exposure Controls / Personnel

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
5-Chloro-2-methyl-4-isothiazolin-3-one 26172-55-4	Not listed	Not listed	Not listed
2-Methyl-4-isothiazolin-3-one 2682-20-4	Not listed	Not listed	Not listed

### 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; NISOH/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 Purple Liquid

### Odor

No information available

### Odor Threshold

No information available

### pH

No information available

### Melting Point

No information available

### Freezing Point

0°C

### Initial Boiling Point

Approx. 100 °C

### Flash Point

No information available

### Evaporation Rate

No information available

### Flammability (solid, gas)

No information available

### Upper/Lower flammability or explosive limits

No information available

### Vapor pressure

No information available

### Vapor density

No information available

### Relative density

No information available

### Water Solubility

No information available

### Partition coefficient: (n-octanol/water)

No information available

### Auto-ignition temperature

No information available

### Decomposition Temperature °C

No information available

### Viscosity

No information available

### Explosive properties

No information available

**Oxidizing properties** No information available

## 10. Stability and Reactivity

**Reactivity** No information available

**Chemical Stability** Stable

**Incompatible Materials** Strong acids and bases

**Hazardous Decomposition Products** No information available

**Hazardous Polymerization:** None

**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** 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 information 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**

No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania right to know components**

	CAS-No.	Revision Date:
Magnesium nitrate hexahydrate	13446-18-9	1993-04-24
2-Methyl-4-isothiazolin-3-one	2682-20-4	

**New Jersey right to know components**

	CAS-No.	Revision Date:
Magnesium nitrate hexahydrate	13446-18-9	1993-04-24
5-chloro-2-methyl-4-isothiazolin-3-one	26172-55-4	
Magnesium chloride	7786-30-3	
2-Methyl-4-isothiazolin-3-one	2682-20-4	

**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**

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.