

## 1. Product and Company Identification

### Product Identifier

**Product Name:** High G/L Solution  
**Product Code:** CD-570097D  
**Recommended Use:** To verify performance of glucose and lactate sensors.

### 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

Flammable, Corrosive, Irritant, Toxic, Environmentally Damaging, Health Hazard



#### Hazard Statements

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long-lasting effects.

#### Precautionary Statements

P260	Do not breathe dust/fumes/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 out of the workplace.
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.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 + P310	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
P305 + P351 + P338 + P310	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
P321	Specific treatment (see ... on this label).
P330	Rinse mouth.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P403 + P233	Store in a well ventilated place. Keep container tightly closed.

P405  
P501

Store locked up.  
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	Not available	26172-55-4	< 0.1%	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	Not available	2682-20-4	< 0.1%	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
5-Bromo-5-nitro-1,3-dioxane	250-001-7	Not available	30007-47-7	< 0.3%	Acute Tox. 4; Skin Irrit. 2; H302, H315

### 4. First Aid Measures

<b>Eye Contact</b>	Flush affected area for 15 minutes with water.
<b>Skin Contact</b>	Flush affected area with copious amount of water.
<b>Inhalation</b>	Remove victim to fresh air. If breathing is difficult, give oxygen and seek medical aid if cough or other symptoms appear.
<b>Ingestion</b>	Rinse mouth with water, drink large quantities of water and seek medical aid.
<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>	Self-contained breathing apparatus and protective clothing.

### 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 inhaling, ingesting and contact with eyes and skin.
<b>Storage</b>	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

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
5-Bromo-5-nitro-1,3-dioxane 30007-47-7	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; 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

### 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** No information available

**Hazardous Decomposition Products** No information available

**Hazardous Polymerization:** Will not occur

**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** Irritation of affected area.

**Target Organ Effects** No information available

**Carcinogenicity** IARC: 2A – Group 2A: Probably carcinogenic to humans (magnesium nitrate hexahydrate)

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** No Restrictions

**DOR** No Restrictions

## 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>	The following components are subject to reporting levels established by SARA Title III, Section 313.	
<b>SARA 311/312 Hazards</b>	Acute Health Hazard, Chronic Health Hazard	
<b>Massachusetts right to know components</b>		
Magnesium nitrate hexahydrate	CAS-No. 13446-18-9	Revision Date: 1993-04-24
<b>Pennsylvania right to know components</b>		
Magnesium nitrate hexahydrate	CAS-No. 13446-18-9	Revision Date: 1993-04-24
2-Methyl-4-isothiazolin-3-one	2682-20-4	
5-Bromo-5-nitro-1,3-Dioxane	30007-47-7	
<b>New Jersey right to know components</b>		
Magnesium nitrate hexahydrate	CAS-No. 13446-18-9	Revision Date: 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	
5-Bromo-5-nitro-1,3-Dioxane	30007-47-7	
<b>California Prop. 65 Components</b>	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.