

## 1. Product and Company Identification

### Product Identifier

**Product Name:** 348 Wash  
**Product Code:** CD-104226AD  
**Recommended Use:** To wash the sample flow path.  
**Synonyms:** Wash Solution

### 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 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	<0.1%	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	N/A	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	N/A	30007-47-7	< 0.2%	Acute Tox. 4; Skin Irrit. 2; H302, H315

### 4. First Aid Measures

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

**Skin Contact** Flush affected area with copious amount of soap and water. If irritation persists seek medical aid.

**Inhalation** Remove victim to fresh air. If breathing is difficult, give oxygen and 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** N/A

**Flash Point** N/A

**Suitable Extinguishing Media** Suitable for surrounding fire.

**Hazardous Combustion Products** N/A

**Protective Equipment and Precautions for Firefighters** Self-contained breathing apparatus and protective clothing.

### 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 in accordance to federal, state and local laws and regulations.

**Environmental Precautions** 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.
<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
5-Bromo-5-nitro-1,3-dioxane 30007-47-7	Not listed	Not listed	Not listed

<b>Engineering Measures</b>	Showers Eye Wash Stations Ventilation Systems
<b>Personnel Protective Equipment</b>	
<b>Eye/Face Protection</b>	Safety goggles with side-shields
<b>Skin Protection</b>	Wear protective gloves/clothing
<b>Respiratory Protection</b>	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.
<b>Hygiene Measures</b>	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.
<b>Environment Exposure</b>	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

## 9. Physical and Chemical Properties

<b>Appearance</b>	Clear Green Liquid
<b>Odor</b>	No information available
<b>Odor Threshold</b>	No information available
<b>pH</b>	No information available
<b>Melting Point</b>	No information available
<b>Freezing Point</b>	0°C
<b>Initial Boiling Point</b>	Approx. 100 °C
<b>Flash Point</b>	No information available
<b>Evaporation Rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Upper/Lower flammability or explosive limits</b>	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Relative density</b>	No information available

<b>Water Solubility</b>	No information available
<b>Partition coefficient: (n-octanol/water)</b>	No information available
<b>Auto-ignition temperature</b>	No information available
<b>Decomposition Temperature °C</b>	No information available
<b>Viscosity</b>	No information available
<b>Explosive properties</b>	No information available
<b>Oxidizing properties</b>	No information available

## 10. Stability and Reactivity

<b>Reactivity</b>	No information available
<b>Chemical Stability</b>	Stable
<b>Incompatible Materials</b>	No information available
<b>Hazardous Decomposition Products</b>	No hazardous decomposition known
<b>Hazardous Polymerization:</b>	Will not occur
<b>Conditions to avoid:</b>	Avoid exposure to heat and light
<b>Suggested Storage:</b>	Store as recommended on product label

## 11. Toxicological Information

<b>Acute Toxicity</b>	No information available
<b>Chronic Toxicity</b>	Frequent and prolonged contact with the skin can cause irritation. May cause eye irritation. If Ingested may cause discomfort, nausea or vomiting.
<b>Target Organ Effects</b>	No information available
<b>Carcinogenicity</b>	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

<b>Ecotoxicity</b>	Toxic to fish, daphnia and other aquatic invertebrates.
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## 13. Disposal Considerations

<b>Waste Disposal Method</b>	In accordance with applicable federal, state, and local laws and regulations.
<b>Contaminated Packaging</b>	In accordance with applicable federal, state, and local laws and regulations.

## 14. Transport Information

**IATA** No Restrictions

**DOR** No Restrictions

## 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, Chronic Health Hazard

### Massachusetts right to know components

Magnesium nitrate hexahydrate	CAS-No. 13446-18-9	Revision Date: 1993-04-24
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### Pennsylvania right to know components

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	

### 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	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	

### 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.