1. Product and Company Identification

Product Identifier

Product Name: Wash Pack
Product Code: CD-104226D
Recommended Use: To wash the sample flow path.
Synonyms: Wash Solution
Company: Diamond Diagnostics Inc.
333 Fiske Street
Holliston, MA 01746
Email: 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.
P275 Wear protective gloves/protective clothing/eye protection/face protection.
P280 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
Take 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

<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;0.1%</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>
<tr>
<td>2-Methyl-4-isothiazolin-3-one</td>
<td>220-239-6</td>
<td>N/A</td>
<td>2682-20-4</td>
<td>&lt;0.1%</td>
<td>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</td>
</tr>
<tr>
<td>5-Bromo-5-nitro-1,3-dioxane</td>
<td>250-001-7</td>
<td>N/A</td>
<td>30007-47-7</td>
<td>&lt; 0.2%</td>
<td>Acute Tox. 4; Skin Irrit. 2; H302, H315</td>
</tr>
</tbody>
</table>

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

Handling
Avoid inhaling, ingesting and contact with eyes and skin.

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</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not Listed</td>
</tr>
<tr>
<td>26172-55-4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-Methyl-4-isothiazolin-3-one</td>
<td>Not listed</td>
<td>Not listed</td>
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<td></td>
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<td></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; 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 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
### 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>No information available</td>
</tr>
<tr>
<td>Hazardous Decomposition Products</td>
<td>No hazardous decomposition known</td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>Will not occur</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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity</td>
<td>No information available</td>
</tr>
<tr>
<td>Chronic Toxicity</td>
<td>Irritation of affected area.</td>
</tr>
<tr>
<td>Target Organ Effects</td>
<td>No information available</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>IARC: 2A – Group 2A: Probably carcinogenic to humans (magnesium nitrate hexahydrate)</td>
</tr>
<tr>
<td></td>
<td>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.</td>
</tr>
<tr>
<td></td>
<td>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.</td>
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<tr>
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<td>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.</td>
</tr>
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### 12. Ecological Information

<table>
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<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ecotoxicity</td>
<td>Toxic to fish, daphnia and other aquatic invertebrates.</td>
</tr>
</tbody>
</table>

### 13. Disposal Considerations

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waste Disposal Method</td>
<td>In accordance with applicable federal, state, and local laws and regulations.</td>
</tr>
<tr>
<td>Contaminated Packaging</td>
<td>In accordance with applicable federal, state, and local laws and regulations.</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Chemical</th>
<th>CAS-No.</th>
<th>Revision Date</th>
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<tbody>
<tr>
<td>Magnesium nitrate hexahydrate</td>
<td>13446-18-9</td>
<td>1993-04-24</td>
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Pennsylvania right to know components

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New Jersey right to know components

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<td>26172-55-4</td>
<td></td>
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<tr>
<td>Magnesium chloride</td>
<td>7786-30-3</td>
<td></td>
</tr>
<tr>
<td>2-Methyl-4-isothiazolin-3-one</td>
<td>2682-20-4</td>
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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.