1. Product and Company Identification

Product Identifier

Product Name: Reference Emulsion Wash Solution
Product Code: IL-20002400D
Recommended Use: Wash-Reference Emulsion

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 Corrosive, Environmentally Damaging

Hazard Statements
H300 + H310 Fatal if swallowed or in contact with skin.
H373 May cause damage to organs through prolonged or repeated exposure.
H410 Very toxic to aquatic life with long-lasting effects.

Precautionary Statements
P260 Do not breathe dust/fumes/gas/mist/vapors/spray.
P262 Do not get in eyes, on skin or on clothing.
P270 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P350 + P310 IF ON SKIN: Gently wash with plenty of soap and water. Immediately call a POISON CENTER/doctor/physician.
P314 Get Medical advice/attention if you feel unwell.
P362 Take off contaminated clothing.
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>Sodium Azide</td>
<td>247-852-1</td>
<td>011-004-00-7</td>
<td>26628-22-8</td>
<td>&lt; 0.05%</td>
<td>Acute Tox. 2; Acute Tox 1; STOT RE 2; Aquatic Acute 1; Aquatic Chronic 1; H300 + H310, H373, H410</td>
</tr>
</tbody>
</table>

4. First Aid Measures

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes and consult physician. Continue rinsing eyes during transport to hospital.

Skin Contact Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Consult a physician.
5. Fire-Fighting Measures

Flammable Properties
No information available

Flash Point
Approx. 100 °C

Suitable Extinguishing Media
Suitable for surrounding fire

Hazardous Combustion Products
Sodium Azide may react with lead or copper plumbing to form highly explosive metal azides

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
Absorb spill with inert material or flush into drain with copious amounts of water. Wash site of spill with soapy water. Wash contaminated clothing before use. 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.

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>Sodium Azide</td>
<td>C 0.110000 ppm</td>
<td>Not listed</td>
<td>C 0.100000 ppm</td>
</tr>
<tr>
<td>26628-22-8</td>
<td>C 0.290000 mg/m³</td>
<td></td>
<td>C 0.300000 ppm</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

**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**
Approx. 100 °C

**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**
100%

**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, Strong bases, Strong Oxidizing acids

**Hazardous Decomposition Products**
None

**Hazardous Polymerization:**
Will not occur

**Conditions to avoid:**
Acidification produces hydrazoic acid, which is highly explosive

**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: 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: 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: 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: The following components are subject to reporting levels established by SARA Title III, Section 313.

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
<th>Revision Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Azide</td>
<td>26628-22-8</td>
<td>2007-07-01</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazards: Acute Health Hazard

16. Other Information

Issuing Date: 13-March-2007

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.