1. Product and Company Identification

Product Identifier

Product Name: Wash Concentrate II
Product Code: BK-450160D
Recommended Use: For use in washing the probes, mixers, and cuvettes.

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, Skin Irritant, Eye Irritant

Hazard Statements
H290 Maybe corrosive to metals.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H401 Toxic to aquatic life.
H402 Harmful to aquatic life.

Precautionary Statements
P234 Keep in original container.
P260 Do not breathe dust/fumes/gas/mist/vapors/spray.
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.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth.
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302 + P352 IF ON SKIN: Wash with plenty of 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.
P363 Wash contaminated clothing before reuse.
P390 Absorb spillage to prevent material damage.
P403 + P233 Store in a well ventilated place. Keep container tightly closed.
P405 Store locked up.
P406 Store in a corrosive resistant stainless container with a resistant inner liner.
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>Potassium hydroxide</td>
<td>215-181-3</td>
<td>01-2119487136-33-XXXX</td>
<td>1310-58-3</td>
<td>&lt; 3%</td>
<td>Met. Corr. 1; Acute Tox. 4; Skin Corr. 1A; Eye Dam. 1; Aquatic Acute 3; H290, H302, H314, H318, H402</td>
</tr>
<tr>
<td>Sodium dodecylbenzenesulfonate</td>
<td>246-680-4</td>
<td>Not available</td>
<td>25155-30-0</td>
<td>&lt; 0.05%</td>
<td>Acute Tox. 4; Skin Irrit. 2; Eye Dam. 1 STOT SE 3; Aquatic Acute; H302, H315, H318, H335, H401</td>
</tr>
<tr>
<td>2,2',2”-Nitrilotriethanol</td>
<td>203-049-8</td>
<td>Not available</td>
<td>102-71-6</td>
<td>&lt; 1%</td>
<td>Not available</td>
</tr>
</tbody>
</table>

4. First Aid Measures

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

**Skin Contact**
Wash affected area with copious amounts of soap and water. If irritation persists, seek medical aid.

**Inhalation**
Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. 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**
No information available

**Flash Point**
No information available

**Suitable Extinguishing Media**
Use appropriately to surrounding fire conditions.

**Hazardous Combustion Products**
Reacts with Oxidizable materials

**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**
Evacuate area, sweep up, place in bag and hold for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete. 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. 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>Potassium hydroxide</td>
<td>C 2.000000 mg/m³</td>
<td>Not listed</td>
<td>C 2.000000 mg/m³</td>
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<tr>
<td>Sodium dodecylbenzenesulfonate</td>
<td>Not listed</td>
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</tr>
<tr>
<td>2,2',2''-Nitrilotriethanol</td>
<td>TWA 5.000000 mg/m³</td>
<td>Not listed</td>
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</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**
- 13

**Melting Point**
- 361 °C

**Freezing Point**
- 361°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**
- 1MM 719 C

**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  
Acids, Aluminum, Chlorinates Solvents, Nitro Compounds, Organic Materials, Acid Chlorides, Acid Anhydrides, Magnesium, Copper, Tin, Zinc

Hazardous Decomposition Products  
Carbon Monoxide, Hydrogen gas

Hazardous Polymerization:  
Will not occur

Conditions to avoid:  
Do not let water into container

Suggested Storage:  
Store as recommended on product label

11. Toxicological Information

Acute Toxicity  
No information available

Chronic Toxicity  
Corrosive, cause irritation upon eye and skin contact.

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  
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, Chronic Health Hazard
Massachusetts right to know components

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Pennsylvania right to know components

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New Jersey right to know components

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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  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.