1. Product and Company Identification

**Product Identifier**

**Product Name:** Wash Concentrate II

**Product Code:** BK-445865D

**Recommended Use:** For washing the system

**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, Irritant

**Hazard Statements**

- **H290** May be 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 only in original container.
- **P260** Do not breathe dust/fume/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 (or hair): Wash with plenty of water.
- **P303 + P361 + P353** IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- **P304 + P340 + P312** IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
- **P305 + P351 + P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- **P310** Immediately call a POISON CENTER/doctor.
- **P332 + P313** If skin irritation occurs: Get medical advice/attention.
- **P362** Take off contaminated clothing.
- **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 corrosive resistant/… 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>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 Dodecylbenzene Sulfonate</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 SE3; Aquatic Acute 2; H302, H315, H318, H335, H401</td>
</tr>
<tr>
<td>Triethanolamine</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**: Approx. 100°C
- **Suitable Extinguishing Media**: Use appropriately to surrounding fire conditions
- **Hazardous Combustion Products**: Reacts with Oxidizable materials
- **Protective Equipment and Precautions for Firefighters**: Self-contained breathing apparatus and protective clothing
- **Further Information**: No information available

6. Accidental Release Measures

- **Personnel Precautions**: Use personnel protective equipment. Avoid contact with skin, eyes and clothing. Avoid formation of dust aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventative fire protection. For precautions see section 2.2.
- **Methods for Containment & Cleaning**: Evacuate area, sweep up, place in a 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 formation of dust aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventative fire protection. For precautions see section 2.2.
- **Storage**: Keep container closed in a dry and well-ventilated place.
- **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>
</tr>
<tr>
<td>Sodium Dodecylbenzene Sulfonate</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>Triethanolamine</td>
<td>TWA; 5.000000 mg/m³</td>
<td>Not listed</td>
<td>Not listed</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**: 13
- **Melting Point**: > 300°C
- **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**: 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

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Details</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>Acids, Aluminum, Chlorinated Solvents, Nitro Compounds, Organic Materials, Acid Chlorides, Acid Anhydrides, Magnesium, Copper, Tin, Zinc</td>
</tr>
<tr>
<td>Hazardous Decomposition Products</td>
<td>Hydrogen Gas, Carbon Monoxide</td>
</tr>
<tr>
<td>Hazardous Polymerization:</td>
<td>Will not occur</td>
</tr>
<tr>
<td>Conditions to avoid:</td>
<td>Do not allow water into container</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>Parameter</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity</td>
<td>No information available</td>
</tr>
<tr>
<td>Chronic Toxicity</td>
<td>Corrosive, causes irritation upon eye and skin contact.</td>
</tr>
<tr>
<td>Target Organ Effects</td>
<td>No information available</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>IARC: 3 – Group 3: Not classifiable as to its carcinogenicity to humans (Triethanolamine)</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>
<td></td>
<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 NTP.</td>
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### 12. Ecological Information

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<tbody>
<tr>
<td>Ecotoxicity</td>
<td>No information available</td>
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### 13. Disposal Considerations

<table>
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<tr>
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<th>Details</th>
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<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>
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### 14. Transport Information

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<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>IATA</td>
<td>Not regulated</td>
</tr>
<tr>
<td>DOR</td>
<td>Not regulated</td>
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</table>
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

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Pennsylvania 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 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.