

## 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](mailto: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

Chemical Name	EC No.	Reach Reg. No.	CAS-No.	Weight %	Classification
Potassium Hydroxide	215-181-3	01-2119487136-33-XXXX	1310-58-3	3%	Met. Corr. 1; Acute Tox. 4; Skin Corr. 1A; Eye Dam. 1; Aquatic Acute 3; H290, H302, H314, H318, H402
Sodium Dodecylbenzene Sulfonate	246-680-4	Not available	25155-30-0	< 0.05%	Acute Tox. 4; Skin Irrit. 2; Eye Dam. 1; STOT SE3; Aquatic Acute 2; H302, H315, H318, H335, H401
Triethanolamine	203-049-8	Not available	102-71-6	< 1%	Not available

### 4. First Aid Measures

<b>Eye Contact</b>	Flush affected area with copious amounts of water.
<b>Skin Contact</b>	Wash affected area with copious amounts of soap and water. If irritation persists seek medical aid.
<b>Inhalation</b>	Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Seek medical aid if cough or other symptoms appear.
<b>Ingestion</b>	Rinse mouth with water, drink large quantities of water, and seek medical aid.
<b>Notes to Physician</b>	Treat symptomatically

### 5. Fire-Fighting Measures

<b>Flammable Properties</b>	No information available
<b>Flash Point</b>	Approx. 100°C
<b>Suitable Extinguishing Media</b>	Use appropriately to surrounding fire conditions
<b>Hazardous Combustion Products</b>	Reacts with Oxidizable materials
<b>Protective Equipment and Precautions for Firefighters</b>	Self-contained breathing apparatus and protective clothing
<b>Further Information</b>	No information available

### 6. Accidental Release Measures

<b>Personnel Precautions</b>	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.
<b>Methods for Containment &amp; Cleaning</b>	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.
<b>Environmental Precautions</b>	Do not let product enter drains.

### 7. Handling and Storage

<b>Handling</b>	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.
<b>Storage</b>	Keep container closed in a dry and well-ventilated place.
<b>Specific use</b>	See Section 1 – Recommended Use

## 8. Exposure Controls / Personnel

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Potassium Hydroxide 1310-58-3	C; 2.000000 mg/m3	Not listed	C; 2.000000 mg/m3
Sodium Dodecylbenzene Sulfonate 25155-30-0	Not listed	Not listed	Not listed
Triethanolamine 102-71-6	TWA; 5.000000 mg/m3	Not listed	Not listed

### 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

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

<b>Reactivity</b>	No information available
<b>Chemical Stability</b>	Stable
<b>Incompatible Materials</b>	Acids, Aluminum, Chlorinated Solvents, Nitro Compounds, Organic Materials, Acid Chlorides, Acid Anhydrides, Magnesium, Copper, Tin, Zinc
<b>Hazardous Decomposition Products</b>	Hydrogen Gas, Carbon Monoxide
<b>Hazardous Polymerization:</b>	Will not occur
<b>Conditions to avoid:</b>	Do not allow water into container
<b>Suggested Storage:</b>	Store as recommended on product label

## 11. Toxicological Information

<b>Acute Toxicity</b>	No information available
<b>Chronic Toxicity</b>	Corrosive, causes irritation upon eye and skin contact.
<b>Target Organ Effects</b>	No information available
<b>Carcinogenicity</b>	<p>IARC: 3 – Group 3: Not classifiable as to its carcinogenicity to humans (Triethanolamine)</p> <p>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.</p> <p>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.</p> <p>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.</p>

## 12. Ecological Information

<b>Ecotoxicity</b>	No information available
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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

<b>IATA</b>	Not regulated
<b>DOR</b>	Not regulated

## 15. Regulatory Information

<b>SARA 302 Components</b>	No chemicals in this material are subject to reporting requirements of SARA Title III, Section 302.
<b>SARA 313 Components</b>	The following components are subject to reporting levels established by SARA Title III, Section 313.
<b>SARA 311/312 Hazards</b>	Acute Health Hazard, Chronic Health Hazard

### Massachusetts right to know components

	CAS-No.	Revision Date:
Potassium Hydroxide	1310-58-3	2007-03-01
Sodium Dodecylbenzene Sulfonate	25155-30-0	1993-04-24
Triethanolamine	102-71-6	1993-04-24

### Pennsylvania right to know components

	CAS-No.	Revision Date:
Potassium Hydroxide	1310-58-3	2007-03-01
Sodium Dodecylbenzene Sulfonate	25155-30-0	1993-04-24
Triethanolamine	102-71-6	1993-04-24

### New Jersey right to know components

	CAS-No.	Revision Date:
Potassium Hydroxide	1310-58-3	2007-03-01
Sodium Dodecylbenzene Sulfonate	25155-30-0	1993-04-24
Triethanolamine	102-71-6	1993-04-24

### 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

<b>Issuing Date</b>	31-December-2008
<b>Revision Date</b>	30-November-2015
<b>Revision Note</b>	No information available
<b>Recommended Restrictions</b>	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.