1. Product and Company Identification

**Product Identifier**

**Product Name:** ISE Urine Standard High/Low  
**Product Code:** SM-B03417601D  
**Recommended Use:** For use in the quantitative determination of Sodium, Potassium, and Chloride in Human Urine.

**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

**Classification**  
Irritant

**Hazard Statements**

**H302** Harmful if swallowed.  
**H315** Causes skin irritation.

**Precautionary Statements**

**P264** Wash skin thoroughly after handling.  
**P270** Do not eat, drink or smoke when using this product.  
**P280** Wear protective gloves/protective clothing/eye protection/face protection.  
**P301 + P312** IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
**P302 + P352** IF ON SKIN: Wash with plenty of soap and water.  
**P321** Specific treatment (see ... on this label).  
**P330** Rinse mouth.  
**P332 + P313** If skin irritation occurs: Get medical advice/ attention.  
**P362** Take off contaminated clothing and wash before reuse.  
**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>Formaldehyde</td>
<td>200-001-8</td>
<td>Not available</td>
<td>50-00-0</td>
<td>&lt; 0.5%</td>
<td>Flam. Liq 4; Acute Tox. 3; Skin Corr. 1B; Eye Dam. 1; Skin Sens. 1; Muta. 2; Carc. 1A; Aquatic Acute 3; H227, H301 + H311, H314, H317, H318, H341, H350, H402</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 amounts of water.

**Inhalation**  
Remove from exposure and move to fresh air promptly. If not breathing, give artificial respiration and seek medical aid.

**Ingestion**  
Rinse mouth with water, drink large quantities of water and seek medical aid.
5. Fire-Fighting Measures

Flammable Properties
No information available

Flash Point
No information available

Suitable Extinguishing Media
Suitable for surrounding fire

Hazardous Combustion Products
No information available

Protective Equipment and
Precautions for Firefighters
Self-contained breathing apparatus and protective clothing

6. Accidental Release Measures

Personnel Precautions
Use personnel protective equipment. Use good laboratory procedures. Avoid inhaling ingesting and contact with skin and eyes.

Methods for Containment & Cleaning
Soak up with non-combustible absorbent material. Rinse affected area with copious amounts of water. 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
Use good laboratory procedures. Avoid inhaling ingesting and contact with skin and eyes.

Storage
Store as recommended on product label.

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>Formaldehyde</td>
<td>C; 0.300000ppm;</td>
<td>PEL; 0.750000ppm</td>
<td>TWA; 0.016000ppm</td>
</tr>
<tr>
<td>50-00-0</td>
<td></td>
<td>STEL; 2.000000ppm</td>
<td>C; 0.100000ppm</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: 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
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: Strong acids and bases
Hazardous Decomposition Products: Formaldehyde, Carbon Monoxide
Hazardous Polymerization: Will not occur
Conditions to avoid: Avoid exposure to extreme heat and light
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 OSHA.
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  The following components are subject to reporting levels established by SARA Title III, Section 302.
Formaldehyde  CAS-No. 50-00-0  Revision Date: 2007-07-01

SARA 313 Components  The following components are subject to reporting levels established by SARA Title III, Section 313.
Formaldehyde  CAS-No. 50-00-0  Revision Date: 2007-07-01

SARA 311/312 Hazards  Acute Health Hazard, Fire Hazard, Chronic Health Hazard

Massachusetts right to know components  CAS-No. 50-00-0  Revision Date: 2007-07-01
Formaldehyde

Pennsylvania right to know components  CAS-No. 50-00-0  Revision Date: 2007-07-01
Formaldehyde

New Jersey right to know components  CAS-No. 50-00-0  Revision Date: 2007-07-01
Formaldehyde

California Prop. 65 Components  WARNING! This product contains a chemical known to the State of California to cause cancer.
Formaldehyde  CAS-No. 50-00-0  Revision Date: 2007-09-28

16. Other Information

Issuing Date  01-October-2013
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.