1. Product and Company Identification

Product Identifier

Product Name: ISE Urine Standard High/Low

Product Code: OY-AUH1016D
(OY-AUH1016AD contains Formaldehyde)
(OY-AUH1016BD contains Formaldehyde)

Recommended Use: For the quantitative determination of Na+, K+, and Cl- concentrations in 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

GHS- Classification

Classification Irritant, Toxic, Health Hazard, Corrosive

Hazard Statements
H227 Combustible liquid.
H301 + H311 + H331 Toxic if swallowed, in contact with skin, or if inhaled.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H341 Suspected of causing genetic defects.
H350 May cause cancer.
H370 Causes damage to organs.
H402 Harmful to aquatic life.

Precautionary Statements
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat/sparks/open flames/hot surfaces. -- No smoking.
P260 Do not breathe 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.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P310 + P330 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth.
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Remove/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 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.
P307 + P311 IF exposed: Call a POISON CENTER or doctor/physician.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P362 Take off contaminated clothing.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant to extinguish.
P403 + P233 Store in a well ventilated place. Keep container tightly closed.
P403 + P235 Store in a well ventilated place. Keep cool.
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; 0.001%</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
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
Not flammable

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

Further Information
No information available

6. Accidental Release Measures

Personnel Precautions
Use personnel protective equipment. Avoid inhaling, ingesting and contact with eyes and skin.

Methods for Containment & Cleaning
Soak up with non-combustible absorbent material. Rinse affected area with copious amounts of water. Dispose 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>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>STEL: 2.000000ppm</td>
<td>C: 0.100000ppm</td>
<td></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
No information available

Hazardous Decomposition Products
Formaldehyde, Carbon Monoxide

Hazardous Polymerization:
Will not occur

Conditions to avoid:
Avoid exposure to heat and light

Suggested Storage:
Store as recommended on product label

11. Toxicological Information

Acute Toxicity
No information available

Chronic Toxicity
Irritation of exposed area. Mucous membrane irritation.

Target Organ Effects
Inhalation – May cause respiratory irritation.

Carcinogenicity
IARC: 1 – Group 1: Carcinogenic to humans (Formaldehyde)

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: Known to be human carcinogen (Formaldehyde)

OSHA: OSHA specifically regulated carcinogen (Formaldehyde)

12. Ecological Information

Ecotoxicity
No information available

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.
Cas-No.
Revision Date:
Formaldehyde
50-00-0
2007-07-01

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

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

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

Formaldehyde

CAS-No. 50-00-0

Revision Date: 2007-07-01

New Jersey right to know components

Formaldehyde

CAS-No. 50-00-0

Revision Date: 2007-07-01

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 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.