SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Product Name                Aptima Urine Specimen Collection

Recommended use of the chemical and restrictions on use

Specific use(s)             Aptima Urine Collection Kit, Aptima Urine Specimen Transport Tubes

Recommended Use             In vitro diagnostic

Details of the supplier of the safety data sheet

Supplier Address             Hologic, Inc.
                              10210 Genetic Center Drive
                              San Diego, CA 92121-4362

Emergency Telephone - United States of America
24 Hour Emergency Phone Number   Chemtrec, U.S. 1-800-424-9300; International +1-703-527-3887

For further information, please contact    MolecularSupport@hologic.com

SECTION 2: Hazards identification

Classification
This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Emergency Overview

Label elements

Hazard not otherwise classified (HNOC)
Not Applicable

Other Information
Not Applicable

SECTION 3: Composition/information on ingredients

Substances
Not Applicable

Mixtures
Aptima Urine Specimen Collection

Mixtures

OSHA Hazard Classification
The product contains no substances which at their given concentration, are considered to be hazardous to health.

<table>
<thead>
<tr>
<th>Component name</th>
<th>CAS No</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium Sulfate</td>
<td>7783-20-2</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 4: First aid measures

First aid measures

Eye contact
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If symptoms persist, call a physician.

Skin Contact
Wash skin with soap and water. If symptoms persist, call a physician.

Inhalation
Remove to fresh air. If symptoms persist, call a physician.

Ingestion
Clean mouth with water and drink afterwards plenty of water. If symptoms persist, call a physician.

Indication of any immediate medical attention and special treatment needed

Note to physicians
Treat symptomatically.

SECTION 5: Firefighting measures

Flammability
Not flammable.

Suitable Extinguishing Media
Use extinguishing agent suitable for type of surrounding fire.

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions
Use personal protective equipment as required.

Methods and material for containment and cleaning up

Methods for containment
Cover with absorbent or contain.

Methods for cleaning up
Soak up with inert absorbent material. Dispose of contents/containers in accordance with local regulations.

SECTION 7: Handling and storage

Precautions for safe handling
Avoid prolonged contact with eyes, skin, and clothing. No known effects under normal use conditions.

Advice on safe handling
Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Wash hands thoroughly after handling. Use personal protection recommended in Section 8.

Conditions for safe storage, including any incompatibilities
Aptima Urine Specimen Collection

Storage
Store in accordance with local regulations. Use appropriate containment to avoid environmental contamination.

SECTION 8: Exposure controls/personal protection

Exposure Guidelines
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Controls
Provide adequate ventilation. Showers. Eyewash stations.

Individual protection measures, such as personal protective equipment

Eye/face protection
Wear safety glasses with side shields (or goggles).

Skin and body protection
Wear suitable protective clothing.

Hand Protection
Wear protective gloves.

Respiratory protection
Not Applicable

Other Information

Environmental exposure controls
No information available.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Colorless</td>
<td></td>
</tr>
<tr>
<td>Property</td>
<td>Values</td>
<td>Remarks • Method</td>
</tr>
<tr>
<td>pH</td>
<td>~ 7.5</td>
<td>No information available.</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
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<td></td>
</tr>
<tr>
<td>Flash point</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability limits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower flammability limit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Partition coefficient</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

Reactivity
None under normal use conditions.

Stability
Stable under normal conditions.

Possibility of Hazardous Reactions
None under normal use conditions.

Hazardous polymerization
None under normal use conditions.
Aptima Urine Specimen Collection

Conditions to avoid
None under normal use conditions.

Incompatible materials
None under normal use conditions.

Hazardous Decomposition Products
None under normal use conditions.

Materials to avoid
None under normal use conditions.

SECTION 11: Toxicological information

Information on likely routes of exposure

Product Information
Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation
None under normal use conditions.

Eye contact
None under normal use conditions.

Skin Contact
None under normal use conditions.

Ingestion
None under normal use conditions.

<table>
<thead>
<tr>
<th>Component name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium Sulfate 7783-20-2</td>
<td>2000 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Lithium Hydroxide, Anhydrous 1310-65-2</td>
<td>120 mg/kg (Rat)</td>
<td>-</td>
<td>960 mg/m³ (Rat) 4 h</td>
</tr>
</tbody>
</table>

Information on toxicological effects

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation
No information available.

Serious eye damage/eye irritation
No information available.

Sensitization
No information available.

Germ cell mutagenicity
No information available.

Carcinogenicity
No information available.

Reproductive toxicity
No information available.

STOT - single exposure
No information available.

STOT - repeated exposure
No information available.

Aspiration hazard
No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document. mg/l

SECTION 12: Ecological information

Ecotoxicity
11.13% of the mixture consists of components(s) of unknown hazards to the aquatic environment.

<table>
<thead>
<tr>
<th>Component name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium Sulfate 7783-20-2</td>
<td></td>
<td></td>
<td>14: 48 h Daphnia magna</td>
<td>mg/L LC50</td>
</tr>
</tbody>
</table>

Persistence and degradability
No information available.

Bioaccumulation
No information available.

Mobility
No information available.
Aptima Urine Specimen Collection

Section 15: Regulatory Information

Contaminated packaging
- Not regulated

International Inventories

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
<td>Complies</td>
</tr>
<tr>
<td>DSL</td>
<td>Complies</td>
</tr>
<tr>
<td>NDSL</td>
<td>Complies</td>
</tr>
<tr>
<td>EINECS</td>
<td>Complies</td>
</tr>
<tr>
<td>ELINCS</td>
<td>Does not Comply</td>
</tr>
<tr>
<td>ENCS</td>
<td>Does not Comply</td>
</tr>
<tr>
<td>IECSC</td>
<td>Complies</td>
</tr>
<tr>
<td>KECL</td>
<td>-</td>
</tr>
<tr>
<td>PICCS</td>
<td>-</td>
</tr>
<tr>
<td>AICS</td>
<td>Complies</td>
</tr>
</tbody>
</table>

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

Section 13: Disposal Considerations

Waste Treatment Methods

Disposal of Wastes
- Disposal should be in accordance with applicable regional, national and local laws and regulations.

Waste from Residues / Unused Products
- Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging
- Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14: Transport Information

DOT
- Not regulated

TDG
- Not regulated

MEX
- Not regulated

ICAO (air)
- Not regulated

IATA
- Not regulated

IMDG
- Not regulated

RID
- Not regulated

ADR
- Not regulated

ADN
- Not regulated

Other Adverse Effects
- No information available.
Aptima Urine Specimen Collection

SARA 313
Section 3T3 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

<table>
<thead>
<tr>
<th>Component name</th>
<th>CAS No</th>
<th>%</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium Sulfate - 7783-20-2</td>
<td>7783-20-2</td>
<td>1 - 5</td>
<td>1.0</td>
</tr>
</tbody>
</table>

**SARA 311/312 Hazard Categories**
- Acute health hazard: No
- Chronic Health Hazard: No
- Fire hazard: No
- Sudden release of pressure hazard: No
- Reactive Hazard: No

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

**California Proposition 65**
This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**
This product may contain substances regulated by state right-to-know regulations.

<table>
<thead>
<tr>
<th>Component name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonium Sulfate</td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>7783-20-2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not Applicable

International Regulations

**SECTION 16: Other information**

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>Personal protection X</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health hazards</th>
<th>Flammability</th>
<th>Physical hazards</th>
<th>Personal protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>

Revision Date 11-Aug-2014

The information provided in this Material Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a 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 materials or in any process, unless specified in the text.

End of Safety Data Sheet