1. Product and Company Identification

Material name: OSOM® Influenza A&B Test Extraction Buffer
Version #: 01
Issue date: 09-04-2012
Revision date: -
Supersedes date: -
CAS #: Mixture
Kit number: 190; 190E
Product use: Component of RapidTest FLU II Test kit and RapidTest FLU Stick. For use in the qualitative detection of influenza A and B viral antigens. For In Vitro Diagnostic use only.
Synonym(s): RapidTest FLU II Test Extraction Buffer; RapidTest FLU Extraction Buffer

Manufacturer information
Corporate Headquarters: Sekisui Diagnostics, LLC
31 New York Avenue, Framingham, MA 01701 USA
www.sekisuidiagnostics.com
Phone: 800-332-1042

Emergency Telephone Numbers
Americas 1-760-476-3962
Europe, Middle East & Africa +1-760-476-3961
Asia Pacific +1-760-476-3960
Access code 333512

2. Hazards Identification

Physical state: Liquid.
Appearance: Clear, colorless liquid.
Emergency overview: The chemical, physical and toxicological properties of this preparation have not been thoroughly characterized.

OSHA regulatory status: This product is not hazardous according to OSHA 29CFR 1910.1200.

Potential health effects
Routes of exposure:
- Skin contact. Eye contact.
- Eyes: May cause eye irritation.
- Skin: May cause skin irritation.
- Inhalation: In high concentrations, vapors may be irritating to the respiratory system.
- Ingestion: May cause discomfort if swallowed.

Target organs: Eyes.
Chronic effects: No data available.
Signs and symptoms: Direct contact with skin and eyes may cause irritation.

Potential environmental effects: The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

3. Composition / Information on Ingredients

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

4. First Aid Measures

First aid procedures
Eye contact: In case of contact, immediately flush eyes with fresh water for at least 15 minutes while holding the eyelids open. Remove contact lenses if worn. Get medical attention if irritation persists.
Skin contact: For skin contact flush with large amounts of water while removing contaminated clothing. Get medical attention if irritation develops and persists.
Inhalation
Move to fresh air. Call a physician if symptoms develop or persist.

Ingestion
If material is ingested, immediately contact a poison control center.

Notes to physician
Provide general supportive measures and treat symptomatically.

General advice
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire Fighting Measures

Flammable properties
This product is not flammable.

Extinguishing media
Suitable extinguishing media
Extinguish with water spray, carbon dioxide, dry chemical or material appropriate for the surrounding fire.

Unsuitable extinguishing media
None known.

Protection of firefighters
Specific hazards arising from the chemical
When heated to decomposition, may produce hydrazoic acid fumes.

Protective equipment and precautions for firefighters
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions
Use standard firefighting procedures and consider the hazards of other involved materials.

Hazardous combustion products
Fire will generate toxic and irritating gases. Carbon monoxide and carbon dioxide.

6. Accidental Release Measures

Personal precautions
Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Environmental precautions
Do not allow to enter drains, sewers or watercourses. This mixture contains a small amount of sodium azide which can react with copper, lead, brass or solder in plumbing systems and form potentially explosive metal azides. Follow proper disposal procedures.

Methods for containment
Absorb spillage with non-combustible, absorbent material.

Methods for cleaning up
Absorb spill with vermiculite or other inert material. Dispose of waste in accordance with all applicable federal, state, local and provincial environmental regulations, per Section 13.

Other information
Clean up in accordance with all applicable regulations.

7. Handling and Storage

Handling
Avoid contact with skin and eyes. Wash thoroughly after handling. In case of insufficient ventilation, wear suitable respiratory equipment. Handle and open container with care.

Storage
Store at room temperature, 15 to 30°C (59 to 86°F). Store in a closed container away from incompatible materials.

8. Exposure Controls / Personal Protection

Occupational exposure limits
No exposure limits noted for ingredient(s).

Exposure guidelines
Follow standard monitoring procedures.

Engineering controls
Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Personal protective equipment
Eye / face protection
Wear approved safety glasses or goggles.

Skin protection
Wear lab coat or other protective garments. Remove contaminated clothing promptly.

Respiratory protection
Under normal conditions, respirator is not normally required.

General hygiene considerations
Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Appearance
Clear, colorless liquid.

Physical state
Liquid.

Form
Liquid.
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Clear, colorless.</td>
</tr>
<tr>
<td>Odor</td>
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<tr>
<td>Odor threshold</td>
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<tr>
<td>pH</td>
<td>7.6 Approximate.</td>
</tr>
<tr>
<td>Vapor pressure</td>
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<tr>
<td>Vapor density</td>
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</tr>
<tr>
<td>Boiling point</td>
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</tr>
<tr>
<td>Melting point/Freezing point</td>
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</tr>
<tr>
<td>Solubility (water)</td>
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</tr>
<tr>
<td>Specific gravity</td>
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</tr>
<tr>
<td>Flash point</td>
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</tr>
<tr>
<td>Flammability limits in air, upper, % by volume</td>
<td>Not available.</td>
</tr>
<tr>
<td>Flammability limits in air, lower, % by volume</td>
<td>Not available.</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

10. Chemical Stability & Reactivity Information

**Chemical stability**
Material is stable under normal conditions.

**Conditions to avoid**
Protect against direct sunlight.

**Incompatible materials**

**Hazardous decomposition products**
None.

**Possibility of hazardous reactions**
Contact with acids liberates toxic gas.

11. Toxicological Information

**Sensitization**
Not classified.

**Acute effects**
May cause discomfort if swallowed.

**Local effects**
Ingestion may cause irritation and malaise.

**Chronic effects**
No data available.

**Carcinogenicity**
Not classifiable as to carcinogenicity to humans.

**Epidemiology**
No epidemiological data is available for this product.

**Mutagenicity**
Not classified.

**Reproductive effects**
Not classified.

**Symptoms and target organs**
Direct contact with skin and eyes may cause irritation.

**Further information**
No other specific acute or chronic health impact noted.

12. Ecological Information

**Ecotoxicity**
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Environmental effects**
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**Aquatic toxicity**
Not classified.

**Persistence and degradability**
No data is available on the degradability of this product.

**Bioaccumulation / Accumulation**
Not available.

**Mobility in environmental media**
The product is soluble in water.

13. Disposal Considerations

**Disposal instructions**
Dispose in accordance with all applicable regulations. This preparation contains a small amount of sodium azide which can react with copper, lead, brass or solder in plumbing systems and form potentially explosive metal azides. If preparation enters drain, flush with a large volume of water to prevent azide build-up.
Waste from residues / unused products: Dispose in accordance with all applicable regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport Information

DOT
Not regulated as a hazardous material by DOT.

IATA
Not regulated as dangerous goods.

IMDG
Not regulated as dangerous goods.

TDG
Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations
This product is not hazardous according to OSHA 29CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.
This mixture is a component of an in vitro diagnostic device regulated by the U.S. Food and Drug Administration.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.4)
None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance (40 CFR 355, Appendix A)
No

Section 311/312 (40 CFR 370)
No

Drug Enforcement Administration (DEA) (21 CFR 1308.11-15)
Not controlled

Canadian regulations
This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

WHMIS status
Non-controlled

Inventory status

Country(s) or region
United States & Puerto Rico

Inventory name
Toxic Substances Control Act (TSCA) Inventory

On inventory (yes/no)*
Yes

* "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

State regulations
This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance
Not listed.

US. Massachusetts RTK - Substance List
Not regulated.

US. New Jersey Worker and Community Right-to-Know Act
Not regulated.

US. Pennsylvania RTK - Hazardous Substances
Not regulated.
Mexico regulations
This safety data sheet was prepared in accordance with the Official Mexican Standard (NOM-018-STPS-2000).

16. Other Information

Recommended restrictions
Use in accordance with supplier's recommendations.

Further information
HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings
Health: 0
Flammability: 0
Physical hazard: 0

NFPA ratings
Health: 0
Flammability: 0
Instability: 0

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