

## 1. Product and Company Identification

|                                    |                                                                                                                                                                               |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Material name</b>               | <b>OSOM® Influenza A&amp;B Test Extraction Buffer</b>                                                                                                                         |
| <b>Version #</b>                   | 01                                                                                                                                                                            |
| <b>Issue date</b>                  | 09-04-2012                                                                                                                                                                    |
| <b>Revision date</b>               | -                                                                                                                                                                             |
| <b>Supersedes date</b>             | -                                                                                                                                                                             |
| <b>CAS #</b>                       | Mixture                                                                                                                                                                       |
| <b>Kit number</b>                  | 190; 190E                                                                                                                                                                     |
| <b>Product use</b>                 | Component of RapidTesta FLU II Test kit and RapidTesta FLU Stick. For use in the qualitative detection of influenza A and B viral antigens. For In Vitro Diagnostic use only. |
| <b>Synonym(s)</b>                  | RapidTesta FLU II Test Extraction Buffer; RapidTesta FLU Extraction Buffer                                                                                                    |
| <b>Manufacturer information</b>    |                                                                                                                                                                               |
| <b>Corporate Headquarters</b>      | Sekisui Diagnostics, LLC<br>31 New York Avenue, Framingham, MA 01701 USA<br>www.sekisuidiagnostics.com<br>Phone: 800-332-1042                                                 |
| <b>Emergency Telephone Numbers</b> | Americas 1-760-476-3962<br><br>Europe, Middle East & Africa +1-760-476-3961<br>Asia Pacific +1-760-476-3960<br>Access code 333512                                             |

## 2. Hazards Identification

|                                        |                                                                                                                                                                                                                |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Physical state</b>                  | Liquid.                                                                                                                                                                                                        |
| <b>Appearance</b>                      | Clear, colorless liquid.                                                                                                                                                                                       |
| <b>Emergency overview</b>              | The chemical, physical and toxicological properties of this preparation have not been thoroughly characterized.                                                                                                |
| <b>OSHA regulatory status</b>          | This product is not hazardous according to OSHA 29CFR 1910.1200.                                                                                                                                               |
| <b>Potential health effects</b>        |                                                                                                                                                                                                                |
| <b>Routes of exposure</b>              | Skin contact. Eye contact.                                                                                                                                                                                     |
| <b>Eyes</b>                            | May cause eye irritation.                                                                                                                                                                                      |
| <b>Skin</b>                            | May cause skin irritation.                                                                                                                                                                                     |
| <b>Inhalation</b>                      | In high concentrations, vapors may be irritating to the respiratory system.                                                                                                                                    |
| <b>Ingestion</b>                       | May cause discomfort if swallowed.                                                                                                                                                                             |
| <b>Target organs</b>                   | Eyes.                                                                                                                                                                                                          |
| <b>Chronic effects</b>                 | No data available.                                                                                                                                                                                             |
| <b>Signs and symptoms</b>              | Direct contact with skin and eyes may cause irritation.                                                                                                                                                        |
| <b>Potential environmental effects</b> | 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

|                     |                                                                                                                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye contact</b>  | 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. |
| <b>Skin contact</b> | For skin contact flush with large amounts of water while removing contaminated clothing. Get medical attention if irritation develops and persists.                                              |

|                           |                                                                                                                  |
|---------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>         | Move to fresh air. Call a physician if symptoms develop or persist.                                              |
| <b>Ingestion</b>          | If material is ingested, immediately contact a poison control center.                                            |
| <b>Notes to physician</b> | Provide general supportive measures and treat symptomatically.                                                   |
| <b>General advice</b>     | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. |

## 5. Fire Fighting Measures

|                                                              |                                                                                                             |
|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Flammable properties</b>                                  | This product is not flammable.                                                                              |
| <b>Extinguishing media</b>                                   |                                                                                                             |
| <b>Suitable extinguishing media</b>                          | Extinguish with water spray, carbon dioxide, dry chemical or material appropriate for the surrounding fire. |
| <b>Unsuitable extinguishing media</b>                        | None known.                                                                                                 |
| <b>Protection of firefighters</b>                            |                                                                                                             |
| <b>Specific hazards arising from the chemical</b>            | When heated to decomposition, may produce hydrazoic acid fumes.                                             |
| <b>Protective equipment and precautions for firefighters</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire.               |
| <b>Fire fighting equipment/instructions</b>                  | Use standard firefighting procedures and consider the hazards of other involved materials.                  |
| <b>Hazardous combustion products</b>                         | Fire will generate toxic and irritating gases. Carbon monoxide and carbon dioxide.                          |

## 6. Accidental Release Measures

|                                  |                                                                                                                                                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions</b>      | 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.                                                          |
| <b>Environmental precautions</b> | 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. |
| <b>Methods for containment</b>   | Absorb spillage with non-combustible, absorbent material.                                                                                                                                                                                                         |
| <b>Methods for cleaning up</b>   | 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.                                                                         |
| <b>Other information</b>         | Clean up in accordance with all applicable regulations.                                                                                                                                                                                                           |

## 7. Handling and Storage

|                 |                                                                                                                                                                                  |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Handling</b> | 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. |
| <b>Storage</b>  | 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

|                                       |                                                                                                                |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Occupational exposure limits</b>   | No exposure limits noted for ingredient(s).                                                                    |
| <b>Exposure guidelines</b>            | Follow standard monitoring procedures.                                                                         |
| <b>Engineering controls</b>           | Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. |
| <b>Personal protective equipment</b>  |                                                                                                                |
| <b>Eye / face protection</b>          | Wear approved safety glasses or goggles.                                                                       |
| <b>Skin protection</b>                | Wear lab coat or other protective garments. Remove contaminated clothing promptly.                             |
| <b>Respiratory protection</b>         | Under normal conditions, respirator is not normally required.                                                  |
| <b>General hygiene considerations</b> | Handle in accordance with good industrial hygiene and safety practice.                                         |

## 9. Physical & Chemical Properties

|                       |                          |
|-----------------------|--------------------------|
| <b>Appearance</b>     | Clear, colorless liquid. |
| <b>Physical state</b> | Liquid.                  |
| <b>Form</b>           | Liquid.                  |

|                                                       |                   |
|-------------------------------------------------------|-------------------|
| <b>Color</b>                                          | Clear, colorless. |
| <b>Odor</b>                                           | Odorless.         |
| <b>Odor threshold</b>                                 | Not available.    |
| <b>pH</b>                                             | 7.6 Approximate.  |
| <b>Vapor pressure</b>                                 | Not available.    |
| <b>Vapor density</b>                                  | Not available.    |
| <b>Boiling point</b>                                  | Not available.    |
| <b>Melting point/Freezing point</b>                   | Not applicable.   |
| <b>Solubility (water)</b>                             | Soluble.          |
| <b>Specific gravity</b>                               | Not available.    |
| <b>Flash point</b>                                    | Not available.    |
| <b>Flammability limits in air, upper, % by volume</b> | Not available.    |
| <b>Flammability limits in air, lower, % by volume</b> | Not available.    |
| <b>Auto-ignition temperature</b>                      | Not applicable.   |

## 10. Chemical Stability & Reactivity Information

|                                           |                                               |
|-------------------------------------------|-----------------------------------------------|
| <b>Chemical stability</b>                 | Material is stable under normal conditions.   |
| <b>Conditions to avoid</b>                | Protect against direct sunlight.              |
| <b>Incompatible materials</b>             | Strong oxidizing agents. Acids. Heavy metals. |
| <b>Hazardous decomposition products</b>   | None.                                         |
| <b>Possibility of hazardous reactions</b> | Contact with acids liberates toxic gas.       |

## 11. Toxicological Information

|                                   |                                                         |
|-----------------------------------|---------------------------------------------------------|
| <b>Sensitization</b>              | Not classified.                                         |
| <b>Acute effects</b>              | May cause discomfort if swallowed.                      |
| <b>Local effects</b>              | Ingestion may cause irritation and malaise.             |
| <b>Chronic effects</b>            | No data available.                                      |
| <b>Carcinogenicity</b>            | Not classifiable as to carcinogenicity to humans.       |
| <b>Epidemiology</b>               | No epidemiological data is available for this product.  |
| <b>Mutagenicity</b>               | Not classified.                                         |
| <b>Reproductive effects</b>       | Not classified.                                         |
| <b>Symptoms and target organs</b> | Direct contact with skin and eyes may cause irritation. |
| <b>Further information</b>        | No other specific acute or chronic health impact noted. |

## 12. Ecological Information

|                                        |                                                                                                                                                                                                    |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ecotoxicity</b>                     | 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. |
| <b>Environmental effects</b>           | An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.                                                                                                    |
| <b>Aquatic toxicity</b>                | Not classified.                                                                                                                                                                                    |
| <b>Persistence and degradability</b>   | No data is available on the degradability of this product.                                                                                                                                         |
| <b>Bioaccumulation / Accumulation</b>  | Not available.                                                                                                                                                                                     |
| <b>Mobility in environmental media</b> | The product is soluble in water.                                                                                                                                                                   |

## 13. Disposal Considerations

|                              |                                                                                                                                                                                                                                                                                                                                |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disposal instructions</b> | 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

\*A "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

**Disclaimer**

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