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

1.1. Product identifier

Trade name or designation of the mixture
OSOM® Mono Test Diluent, ImmunoCard STAT Mono Diluent, Sure-Vue Signature Mono Diluent

Registration number
- 

Synonyms
None.

Kit number
145, 755725, 23-200-275

Issue date
22-May-2012

Version number
01

Revision date
- 

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses
Component of OSOM® Mono Test kit (Catalog # 145 & 145E). For use in the qualitative detection of infectious mononucleosis heterophile antibodies in serum, plasma or whole blood as an aid in the diagnosis of infectious mononucleosis. For In Vitro Diagnostic Use Only.

Uses advised against
Use in accordance with supplier's recommendations.

1.3. Details of the supplier of the safety data sheet

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

Distributor
Sekisui Diagnostics (UK) Limited
50 Gibson Drive, Kings Hill, West Malling
Kent ME19 4AF UK
www.sekisuidiagnostics.com
Phone: 44 (0) 1732 220022

Contact person
info@sekisuidiagnostics.com

1.4. Emergency telephone number

Americas 1-760-476-3962
Europe, Middle East & Africa +1-760-476-3961
Asia Pacific +1-760-476-3960

Access code
333512

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Directive 67/548/EEC or 1999/45/EC as amended

Classification
Xn;R22

The full text for all R-phrases is displayed in section 16.

Classification according to Regulation (EC) No 1272/2008 as amended

Hazard summary

Physical hazards
Not classified for physical hazards.

Health hazards
Harmful if swallowed.

Environmental hazards
Not classified for hazards to the environment.

Specific hazards
Avoid contact with eyes and skin. Do not ingest or inhale.

Main symptoms
Ingestion may cause irritation and malaise.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Hazard pictograms
None.

Signal word
None.

Hazard statements
The mixture does not meet the criteria for classification.
Precautionary statements

Prevention None.
Response None.
Storage None.
Disposal None.

Supplemental label information None.

2.3. Other hazards Not assigned.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>%</th>
<th>CAS-No. / EC No.</th>
<th>REACH Registration No.</th>
<th>INDEX No.</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium azide</td>
<td>0.2</td>
<td>26628-22-8</td>
<td>-</td>
<td>011-004-00-7</td>
<td>#</td>
</tr>
</tbody>
</table>

Classification: DSD: T+;R28, R32, N;R50/53
CLP: Acute Tox. 2;H300, Aquatic Acute 1;H400, Aquatic Chronic 1;H410

#: This substance has been assigned Community workplace exposure limit(s).

Composition comments The full text for all R- and H-phrases is displayed in section 16. All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

SECTION 4: First aid measures

General information Not available.

4.1. Description of first aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact For skin contact flush with large amounts of water while removing contaminated clothing. Get medical attention if irritation develops and persists.

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.

Ingestion If material is ingested, immediately contact a physician or poison control centre.

4.2. Most important symptoms and effects, both acute and delayed

Ingestion of sodium azide may cause nausea, diarrhea, vomiting, headache, slight lowering of blood pressure, abdominal pain, and a general feeling of apprehension and unwellness.

4.3. Indication of any immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically.

SECTION 5: Firefighting measures

General fire hazards The product is not flammable.

5.1. 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.

5.2. Special hazards arising from the substance or mixture

When heated to decomposition, may produce hydrazoic acid fumes.

5.3. Advice for firefighters

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

Special fire fighting procedures Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

For emergency responders Use personal protection as recommended in section 8 of the SDS.
6.2. 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.

6.3. Methods and material for containment and 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.

6.4. Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe 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.

7.2. Conditions for safe storage, including any incompatibilities

Store at controlled room temperature at 15–30 ºC (59-86ºF). Store in a closed container away from incompatible materials.

7.3. Specific end use(s)

For in vitro diagnostic use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

UK. EH40 Workplace Exposure Limits (WELs)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium azide (CAS 26628-22-8)</td>
<td>STEL</td>
<td>0.3 mg/m3</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>0.1 mg/m3</td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium azide (CAS 26628-22-8)</td>
<td>STEL</td>
<td>0.3 mg/m3</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>0.1 mg/m3</td>
</tr>
</tbody>
</table>

Biological limit values

No biological exposure limits noted for the ingredient(s).

Recommended monitoring procedures

Follow standard monitoring procedures.

Derived no-effect level (DNEL)

Not available.

Predicted no effect concentrations (PNECs)

Not available.

8.2. Exposure controls

Appropriate engineering controls

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

Individual protection measures, such as personal protective equipment

General information

Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Eye/face protection

Wear approved safety glasses or goggles.

Skin protection

- Hand protection
  Wear appropriate chemical resistant gloves.
- Other
  Wear lab coat or other protective garments. Remove contaminated clothing promptly.

Respiratory protection

Under normal conditions, respirator is not normally required.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practices.

Environmental exposure controls

Inform appropriate managerial or supervisory personnel of all environmental releases.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Colourless liquid.

Physical state

Liquid.

Form

Liquid.

Colour

Colourless, clear.

Odour

Not available.
Odour threshold Not available.
pH 7 approximately
Melting point/freezing point Not available.
Initial boiling point and boiling range Not available.
Flash point Not applicable.
Evaporation rate Not applicable.
Flammability (solid, gas) Not applicable.
Upper/lower flammability or explosive limits
   Flammability limit - lower (%)
Not available.
   Flammability limit - upper (%)
Not available.
Vapour pressure Not applicable.
Vapour density Not applicable.
Relative density Not available.
Solubility(ies) Soluble
Partition coefficient (n-octanol/water) Not available.
Decomposition temperature Not available.
Viscosity Not applicable.
Explosive properties Not available.
Oxidizing properties Not available.
9.2. Other information No relevant additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity Stable at normal conditions.
10.2. Chemical stability Material is stable under normal conditions.
10.3. Possibility of hazardous reactions Contact with acids liberates toxic gas.
10.4. Conditions to avoid Protect against direct sunlight.
10.6. Hazardous decomposition products None.

SECTION 11: Toxicological information

General information Occupational exposure to the substance or mixture may cause adverse effects.
Information on likely routes of exposure
   Ingestion May be harmful if swallowed.
   Inhalation Vapours may irritate throat and respiratory system and cause coughing.
   Skin contact Prolonged skin contact may cause redness, irritation and dry skin. Sodium azide may be absorbed through the skin and result in systemic effects.
   Eye contact Splashes in the eyes may cause redness and irritation.
Symptoms May cause eye irritation on direct contact.

11.1. Information on toxicological effects

Acute toxicity May be harmful if swallowed.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium azide (CAS 26628-22-8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rabbit</td>
<td>20 mg/kg</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>27 mg/kg</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation Prolonged skin contact may cause redness, irritation and dry skin.
Serious eye damage/irritation Not classified.
Respiratory sensitisation Not classified.
Skin sensitisation  Not classified.
Germ cell mutagenicity  Not classified.
Carcinogenicity  Not classified.
Reproductive toxicity  Not classified.
Specific target organ toxicity - single exposure  Not classified.
Specific target organ toxicity - repeated exposure  Not classified.
Aspiration hazard  Not classified.
Mixture versus substance information  Not available.
Other information  Not available.

SECTION 12: Ecological information

12.1. Toxicity  Not expected to be harmful to aquatic organisms.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium azide (CAS 26628-22-8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Water flea (Daphnia pulex)</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Bluegill (Lepomis macrochirus)</td>
</tr>
</tbody>
</table>

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

12.3. Bioaccumulative potential  Not available.

12.4. Mobility in soil  Not available.

12.5. Results of PBT and vPvB assessment  Not a PBT or vPvB substance or mixture.

12.6. Other adverse effects  Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste  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.

EU waste code  Waste codes should be assigned by the user based on the application for which the product was used.

Disposal methods/information  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.

SECTION 14: Transport information

ADR  The product is not covered by international regulation on the transport of dangerous goods.

RID  The product is not covered by international regulation on the transport of dangerous goods.

ADN  The product is not covered by international regulation on the transport of dangerous goods.

IATA  The product is not covered by international regulation on the transport of dangerous goods.

IMDG  The product is not covered by international regulation on the transport of dangerous goods.
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations
- Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I
  Not listed.
- Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II
  Not listed.
  Not listed.
- Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended
  Not listed.
- Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended
  Not listed.
- Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended
  Not listed.
- Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended
  Not listed.
- Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry
  Not listed.
- Regulation (EC) No. 1907/2006, REACH Article 59(1) Candidate List as currently published by ECHA
  Not listed.

Authorisations
- Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorisation
  Not listed.

Restrictions on use
- Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended
  Not listed.
- Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work
  Not regulated.
- Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding
  Not regulated.

Other EU regulations
- Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances
  Not regulated.
- Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work
  Sodium azide (CAS 26628-22-8)
- Directive 94/33/EC on the protection of young people at work
  Sodium azide (CAS 26628-22-8)

Other regulations
The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006. Additional information is given in the Safety Data Sheet.

National regulations
The product has not been classified as dangerous according to the legislation in force.

15.2. Chemical safety assessment
No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations
- DNEL: Derived No-Effect Level.
- PNEC: Predicted No-Effect Concentration.
- PBT: Persistent, bioaccumulative and toxic.
- vPvB: Very Persistent and very Bioaccumulative.

References
Not available.
Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

Full text of any statements or R-phrases and H-statements under Sections 2 to 15

R22 Harmful if swallowed.
R28 Very toxic if swallowed.
R32 Contact with acids liberates very toxic gas.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
H300 - Fatal if swallowed.
H400 - Very toxic to aquatic life.
H410 - Very toxic to aquatic life with long lasting effects.

Training information

Not available.

Disclaimer

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1. Product and Company Identification

Material name: OSOM® Mono Test Positive Control, ImmunoCard STAT Mono Test Positive Control, Sure-Vue Signature Mono Test Positive Control

Version #: 01
Issue date: 09-04-2012
Revision date: -
Supersedes date: -
CAS #: Mixture
Kit number: 145, 755725, 23-200-275
Product use: Component of OSOM® Mono Test kit (Catalog # 145 & 145E). For use in the qualitative detection of infectious mononucleosis heterophile antibodies in serum, plasma or whole blood as an aid in the diagnosis of infectious mononucleosis. For In Vitro Diagnostic Use Only.

Synonym(s): Mono CONTROL +

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: Physical and health hazard information on reagent mixtures have not been determined.
OSHA regulatory status: This product is not hazardous according to OSHA 29CFR 1910.1200.

Potential health effects:
Routes of exposure: Inhalation, Ingestion, Skin contact, Eye contact.
Eyes: Splashes may irritate and cause redness.
Skin: Prolonged skin contact may cause redness, irritation and dry skin.
Inhalation: Vapors and mist may irritate throat and respiratory system and cause coughing.
Ingestion: May cause discomfort if swallowed.
Chronic effects: No data available.
Signs and symptoms: Ingestion may cause irritation and malaise.

Potential environmental effects: 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.

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 controlled room temperature at 15–30 ºC (59-86ºF). 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.

Color
Colorless, clear.
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor</td>
<td>Not available.</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not available.</td>
</tr>
<tr>
<td>pH</td>
<td>7 approximate</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not available.</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not available.</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Not available.</td>
</tr>
<tr>
<td>Melting point/Freezing point</td>
<td>Not available.</td>
</tr>
<tr>
<td>Solubility (water)</td>
<td>Soluble</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>Not available.</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not available.</td>
</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 available.</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**: Strong oxidizing agents. Acids. Heavy metals.
- **Hazardous decomposition products**: None.
- **Possibility of hazardous reactions**: Contact with acids liberates toxic gas.

### 11. Toxicological Information

- **Sensitization**: No data available.
- **Acute effects**: May cause discomfort if swallowed.
- **Local effects**: May cause eye irritation on direct contact.
- **Chronic effects**: No data available.
- **Carcinogenicity**: Not classified.
- **Epidemiology**: No epidemiological data is available for this product.
- **Mutagenicity**: Not classified.
- **Reproductive effects**: Not classified.
- **Symptoms and target organs**: May cause eye irritation on direct contact.
- **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

*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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1. Product and Company Identification

Material name: OSOM® Mono Test Negative Control, ImmunoCard STAT Mono Test Negative Control, Sure-Vue Signature Mono Test Negative Control

Version #: 01
Issue date: 05-24-2013
Revision date: -
Supersedes date: -
CAS #: Mixture
Kit number: 145, 755725, 23-200-275
Product use: Component of OSOM® Mono Test kit (Catalog # 145 & 145E). For use in the qualitative detection of infectious mononucleosis heterophile antibodies in serum, plasma or whole blood as an aid in the diagnosis of infectious mononucleosis. For In Vitro Diagnostic Use Only.

Synonym(s): Mono CONTROL -

Manufacturer information
Corporate Headquarters: Sekisui Diagnostics, LLC
4 Hartwell Place, Lexington, MA 02421, 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: CAUTION

May be harmful if swallowed. The chemical, physical and toxicological properties of this preparation have not been thoroughly characterized.

OSHA regulatory status: This product is hazardous according to OSHA 29 CFR 1910.1200.

Potential health effects
Routes of exposure: Inhalation. Ingestion. Skin contact. Eye contact.

Eyes: Splashes may irritate and cause redness.
Skin: Prolonged skin contact may cause redness, irritation and dry skin. Sodium azide may be absorbed through the skin and result in systemic effects.
Inhalation: Vapors and mist may irritate throat and respiratory system and cause coughing.
Ingestion: May be harmful if swallowed. Do not ingest.

Signs and symptoms: Ingestion may cause irritation and malaise.

Potential environmental effects: Not expected to be harmful to aquatic organisms.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium azide</td>
<td>26628-22-8</td>
<td>0.2</td>
</tr>
</tbody>
</table>

Composition comments: All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.
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.

5. Fire Fighting Measures

Flammable properties
This product is not flammable.

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
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. Nitrogen oxides.

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
Absorb small leaks or spills with sponge, mop up large spills with plenty of soap and water. 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 controlled room temperature at 15–30 ºC (59-86ºF). Store in a closed container away from incompatible materials.

8. Exposure Controls / Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium azide (CAS 26628-22-8)</td>
<td>Ceiling</td>
<td>0.29 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.11 ppm</td>
</tr>
</tbody>
</table>

OSOM® Mono Test Negative Control, ImmunoCard STAT Mono Test Negative Control, Sure-Vue Signature Mono Test No
Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium azide (CAS 26628-22-8)</td>
<td>Ceiling</td>
<td>0.3 mg/m³</td>
<td>Vapor.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.29 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.11 ppm</td>
<td>Vapor.</td>
</tr>
</tbody>
</table>

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium azide (CAS 26628-22-8)</td>
<td>Ceiling</td>
<td>0.29 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.11 ppm</td>
<td>Vapor.</td>
</tr>
</tbody>
</table>

Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium azide (CAS 26628-22-8)</td>
<td>Ceiling</td>
<td>0.29 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium azide (CAS 26628-22-8)</td>
<td>Ceiling</td>
<td>0.3 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.11 ppm</td>
<td></td>
</tr>
</tbody>
</table>

Exposure guidelines
Follow standard monitoring procedures.

- **US - California OELs: Skin designation**
  Sodium azide (CAS 26628-22-8) Can be absorbed through the skin.

- **US - Tennese OELs: Skin designation**
  Sodium azide (CAS 26628-22-8) Can be absorbed through the skin.

- **US. NIOSH: Pocket Guide to Chemical Hazards**
  Sodium azide (CAS 26628-22-8) Can be absorbed through the skin.

- **US. OSHA Table Z-1-A (29 CFR 1910.1000)**
  Sodium azide (CAS 26628-22-8) Can be absorbed through the skin.

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear. Colorless liquid.</td>
</tr>
<tr>
<td>Physical state</td>
<td>Liquid.</td>
</tr>
<tr>
<td>Form</td>
<td>Liquid.</td>
</tr>
<tr>
<td>Color</td>
<td>Colorless, clear.</td>
</tr>
<tr>
<td>Odor</td>
<td>Not available.</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not available.</td>
</tr>
<tr>
<td>pH</td>
<td>7 Approximately</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not available.</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not available.</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Not available.</td>
</tr>
<tr>
<td>Melting point/Freezing point</td>
<td>Not available.</td>
</tr>
<tr>
<td>Solubility (water)</td>
<td>Soluble</td>
</tr>
</tbody>
</table>
Specific gravity  Not available.
Flash point  Not available.
Flammability limits in air, upper, % by volume  Not available.
Flammability limits in air, lower, % by volume  Not available.
Auto-ignition temperature  Not available.

10. Chemical Stability & Reactivity Information

Chemical stability  Material is stable under normal conditions.
Conditions to avoid  Protect against direct sunlight.
Hazardous decomposition products  None.

11. Toxicological Information

Toxicological data

<table>
<thead>
<tr>
<th>Components</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium azide (CAS 26628-22-8)</td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rabbit</td>
</tr>
<tr>
<td>Oral</td>
<td>Rat</td>
</tr>
<tr>
<td>Sensitization</td>
<td>Not classified.</td>
</tr>
<tr>
<td>Acute effects</td>
<td>May be harmful if swallowed.</td>
</tr>
<tr>
<td>Local effects</td>
<td>May cause eye irritation on direct contact.</td>
</tr>
<tr>
<td>Chronic effects</td>
<td>No data available.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not classified.</td>
</tr>
</tbody>
</table>

ACGIH Carcinogens

Sodium azide (CAS 26628-22-8)  A4 Not classifiable as a human carcinogen.

Epidemiology  No epidemiological data is available for this product.
Mutagenicity  Not classified.
Reproductive effects  Not classified.
Symptoms and target organs  May cause eye irritation on direct contact.

12. Ecological Information

Ecotoxicological data

<table>
<thead>
<tr>
<th>Components</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium azide (CAS 26628-22-8)</td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td></td>
</tr>
<tr>
<td>EC50</td>
<td>Water flea (Daphnia pulex)</td>
</tr>
<tr>
<td>Fish</td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Bluegill (Lepomis macrochirus)</td>
</tr>
<tr>
<td>Ecotoxicity</td>
<td>No data available.</td>
</tr>
<tr>
<td>Environmental effects</td>
<td>An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.</td>
</tr>
<tr>
<td>Aquatic toxicity</td>
<td>Not classified.</td>
</tr>
<tr>
<td>Persistence and degradability</td>
<td>No data is available on the degradability of this product.</td>
</tr>
<tr>
<td>Bioaccumulation / Accumulation</td>
<td>Not available.</td>
</tr>
<tr>
<td>Mobility in environmental media</td>
<td>The product is soluble in water.</td>
</tr>
</tbody>
</table>
13. Disposal Considerations

Waste codes

**US RCRA Hazardous Waste P List: Reference**

Sodium azide (CAS 26628-22-8) P105

**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 hazardous according to OSHA 29 CFR 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.

**US EPCRA (SARA Title III) Section 302 - Extremely Hazardous Spill: Reportable quantity**

Sodium azide (CAS 26628-22-8) 1000 lbs

**US EPCRA (SARA Title III) Section 302 - Extremely Hazardous Substance: Threshold Planning Quantity**

Sodium azide (CAS 26628-22-8) 500 lbs

**US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration**

Sodium azide (CAS 26628-22-8) 1.0%

**US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance**

Sodium azide (CAS 26628-22-8) Listed.

**CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.4)**

Sodium azide: 1000

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

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

**Section 302 extremely hazardous substance (40 CFR 355, Appendix A)**

No

**SARA 311/312 Hazardous chemical**

No

**Drug Enforcement Administration (DEA) (21 CFR 1308.11-15)**

Not controlled
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**

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory 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 Hazardous Substances (Director's): Listed substance**
Sodium azide (CAS 26628-22-8) Listed.

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

**US - New Jersey RTK - Substances: Listed substance**
Sodium azide (CAS 26628-22-8) Listed.

**US. Massachusetts RTK - Substance List**
Sodium azide (CAS 26628-22-8) Listed.

**US. New Jersey Worker and Community Right-to-Know Act**
Sodium azide (CAS 26628-22-8) 500 lbs

**US. Pennsylvania RTK - Hazardous Substances**
Sodium azide (CAS 26628-22-8) Listed.

**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: 1
Flammability: 0
Physical hazard: 0

**NFPA ratings**
Health: 1
Flammability: 0
Instability: 0

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