

## 1. Product and Company Identification

<b>Material name</b>	<b>OSOM® Trichomonas Rapid Test Sample 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>Product code</b>	181, 181-5, 181E, 181G
<b>Product use</b>	Component of OSOM® Trichomonas Rapid Test kit (catalog # 181 & 181E). For use in the qualitative detection of Trichomonas vaginalis antigens. For In Vitro Diagnostic Use Only.
<b>Synonym(s)</b>	Sample Buffer
<b>Manufacturer information</b>	
<b>Corporate Headquarters</b>	Sekisui Diagnostics, LLC 31 New York Avenue, Framingham, MA 01701 USA www.sekisuidiagnostics.com Phone: 800-332-1042
<b>Emergency Telephone Numbers</b>	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

<b>Physical state</b>	Liquid.
<b>Appearance</b>	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>	Inhalation. Ingestion. Skin contact. Eye contact.
<b>Eyes</b>	Splashes may irritate and cause redness.
<b>Skin</b>	Prolonged skin contact may cause redness, irritation and dry skin. Sodium azide may be absorbed through the skin and result in systemic effects.
<b>Inhalation</b>	Vapors and mist may irritate throat and respiratory system and cause coughing.
<b>Ingestion</b>	May cause discomfort if swallowed. Do not ingest.
<b>Target organs</b>	None known.
<b>Chronic effects</b>	No data available.
<b>Signs and symptoms</b>	Ingestion may cause irritation and malaise.
<b>Potential environmental effects</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.

## 3. Composition / Information on Ingredients

Components	CAS #	Percent
Sodium azide	26628-22-8	< 0.1

**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

<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.

## 5. Fire Fighting Measures

**Flammable properties** This product is not flammable.

### Extinguishing media

<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.

### Protection of firefighters

<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.

**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 °C (59-86°F). Store in a closed container away from incompatible materials.

## 8. Exposure Controls / Personal Protection

### Occupational exposure limits

#### US. ACGIH Threshold Limit Values

Components	Type	Value
Sodium azide (CAS 26628-22-8)	Ceiling	0.29 mg/m <sup>3</sup>
		0.11 ppm

**Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)**

Components	Type	Value	Form
Sodium azide (CAS 26628-22-8)	Ceiling	0.3 mg/m3	Vapor.
		0.29 mg/m3	
		0.11 ppm	Vapor.

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

Components	Type	Value	Form
Sodium azide (CAS 26628-22-8)	Ceiling	0.29 mg/m3	
		0.11 ppm	Vapor.

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

Components	Type	Value
Sodium azide (CAS 26628-22-8)	Ceiling	0.29 mg/m3

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

Components	Type	Value
Sodium azide (CAS 26628-22-8)	Ceiling	0.3 mg/m3
		0.11 ppm

<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>	Colorless liquid.
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Colorless, clear.
<b>Odor</b>	Not available.
<b>Odor threshold</b>	Not available.
<b>pH</b>	7.4
<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 available.
<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 available.

## 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>	Hazardous polymerization does not occur.

## 11. Toxicological Information

### Toxicological data

Components	Species	Test Results
Sodium azide (CAS 26628-22-8)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	20 mg/kg
<i>Oral</i>		
LD50	Rat	27 mg/kg
<b>Sensitization</b>	Not classified.	
<b>Acute effects</b>	May cause discomfort if swallowed.	
<b>Local effects</b>	May cause eye irritation on direct contact.	
<b>Chronic effects</b>	No data available.	
<b>Carcinogenicity</b>	Not classified.	
<b>ACGIH Carcinogens</b>		
Sodium azide (CAS 26628-22-8)	A4 Not classifiable as a human carcinogen.	
<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>	May cause eye irritation on direct contact.	
<b>Further information</b>	No other specific acute or chronic health impact noted.	

## 12. Ecological Information

### Ecotoxicological data

Components	Species	Test Results
Sodium azide (CAS 26628-22-8)		
<b>Aquatic</b>		
Crustacea	EC50 Water flea ( <i>Daphnia pulex</i> )	2.8 - 6.2 mg/l, 48 hours
Fish	LC50 Bluegill ( <i>Lepomis macrochirus</i> )	0.68 mg/l, 96 hours
<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.
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**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.

### 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 - 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	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	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 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: 0  
Flammability: 0  
Physical hazard: 0

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

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**English:**

3E verified with the supplier provided that no SDS has been created for this product.  
3E will periodically contact the supplier to reconfirm no SDS is available.

**Deutsch:**

3E bestätigt, dass für dieses Produkt kein Sicherheitsdatenblatt (SDB) vom Lieferanten erstellt wurde. 3E wird regelmäßig Kontakt mit dem Lieferanten aufnehmen, um sich bestätigen zu lassen, dass (weiterhin) kein SDB erforderlich ist.

**Français:**

3E a vérifié avec le fournisseur approprié qu'aucune FDS n'a été créée pour ce produit.  
3E recontactera périodiquement le fournisseur pour confirmer qu'aucune FDS n'existe pour ce produit.

**Español:**

3E ha comprobado que el proveedor no ha creado ninguna SDS para este producto. 3E contactará periódicamente con el proveedor para asegurarse de que no exista ninguna SDS disponible.

**Italiano:**

3E ha verificato che nessuna SDS è stata creata per questo prodotto. 3E contatterà periodicamente il fornitore per confermare che nessuna SDS è disponibile.

**中文:**

3E公司已与供货商确认，本产品没有SDS。 3E公司将会定期与供货商联系，重新确认本产品没有SDS。

**English:**

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