



Corporate Headquarters

Genzyme Corporation

500 Kendall Street
Cambridge, MA 02142
USA

www.genzyme.com

Phone: 617-252-7500

Manufacturer / Distributor

Genzyme Diagnostics

6659 Top Gun Street
San Diego, CA 92121
USA

www.genzymediagnosics.com

Phone: 858-452-3198

MATERIAL SAFETY DATA SHEETS

Catalog Number:	Kit Name:
190	OSOM[®] Influenza A&B Test

MSDS Number:	Component Name:
2077	OSOM[®] Influenza A&B Test Extraction Buffer

The Influenza A Positive Control Swab is an "article" and does not require an MSDS.
The Influenza B Positive Control Swab is an "article" and does not require an MSDS.



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product name	OSOM® Influenza A&B Test Extraction Buffer
Synonym(s)	Extraction Buffer
CAS #	Mixture
Kit Number:	190; 190E
Product description	Aqueous solution containing salts, detergent, albumin protein and bactericide.
Product use	Component of OSOM® Influenza A&B Test kit. For use in the qualitative detection of influenza A and B viral antigens. For In Vitro Diagnostic Use Only.

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6659 Top Gun Street
San Diego, CA 92121 USA
www.genzymediagnosics.com
Phone: 800-332-1042

Emergency Telephone Numbers

Genzyme (U.S.): 617-562-4555
CHEMTREC (U.S.): 800-424-9300
CHEMTREC (Outside U.S.): +1 703-527-3887

Distributor

Genzyme Diagnostics
50 Gibson Drive
Kings Hill, West Malling
Kent ME19 4AF UK
ukdiagcustomerservice@genzyme.com
www.genzymediagnosics.com
Phone: 44 (0) 1732 220022

2. Hazards Identification

Regulatory status	This mixture is not classified as hazardous according to the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200).
Precautionary statements	The chemical, physical and toxicological properties of this mixture have not been thoroughly characterized. Avoid contact with eyes and skin. Do not ingest or inhale. The bovine serum albumin (BSA) in this product is of US origin and meets the current standards for reduction of TSE (Transmissible Spongiform Encephalopathy) risk. Mixture appearance: clear, colorless liquid.
Potential health effects	
Inhalation	No data available.
Eyes	No data available. Eye exposure may cause irritation, redness and watering.
Skin	No data available.
Ingestion	No data available.
Chronic effects	No data available.
Target organs	Unknown.
Potential environmental effects	Unknown.

3. Composition / Information on Ingredients

No hazardous ingredients.

4. First Aid Measures

First aid procedures

Inhalation	If inhaled, move from exposure area to fresh air. Seek medical attention if breathing becomes difficult or if cough or other symptoms develop.
Eye contact	Immediately flush eyes with plenty of tepid water for 15 minutes while separating eyelids with fingers. Remove contact lenses if worn. Obtain medical attention if needed or if symptoms, such as redness or irritation persist.
Skin contact	In case of contact, flush skin with copious amounts of cool water and remove contaminated clothing. Obtain medical attention if needed or if irritation or other symptoms develop.

Ingestion In case of ingestion, contact a poison control center or physician for instructions.

5. Fire Fighting Measures

Extinguishing media

Suitable extinguishing media Use extinguishing media suitable for surrounding fire, such as carbon dioxide, chemical foam, dry chemical or water spray.

Unsuitable extinguishing media Unknown.

Specific hazards Dilute aqueous solution not considered a fire hazard.

Hazardous combustion products None expected.

Protection of firefighters

Protective equipment and precautions for firefighters Firefighters should wear NIOSH-approved or equivalent Self-Contained Breathing Apparatus and full protective gear.

6. Accidental Release Measures

Personal precautions Wear Personal Protective Equipment (PPE) as indicated in Section 8. Ensure adequate ventilation. Avoid physical contact and aerosol inhalation. Wash hands thoroughly after handling.

Environmental precautions 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 cleaning up Absorb spill with inert material/sorbent. Decontaminate the spill site following standard procedures. Dispose of waste in accordance with all applicable federal, state, local and provincial environmental regulations, per Section 13.

7. Handling and Storage

Handling Follow good laboratory hygiene practices. See Section 8, Engineering Controls. Minimize contact and contamination of personal clothing and skin. Wash hands thoroughly after handling.

Storage Store at room temperature, 15 to 30°C (59 to 86°F). Do not store with incompatible substances; see Section 10.

8. Exposure Controls / Personal Protection

Exposure guidelines There are no ACGIH, NIOSH or OSHA occupational exposure limits currently established for this mixture or its components at concentrations equal to or greater than 1% (0.1% if carcinogen).

Engineering controls This mixture is not expected to require special ventilation controls. Facilities storing or using this mixture should be equipped with an eyewash fountain.

Personal protective equipment

Respiratory protection A respirator is not expected to be required under normal conditions of use.

Eye / face protection Wear appropriate protective safety eye glasses or goggles.

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

Hand protection Wear chemical resistant protective gloves.

General Follow company-specific safety procedures.

9. Physical & Chemical Properties

Physical state Liquid.

Color Clear, colorless

Odor Not available

Odor threshold Not available

pH 7.6 (approx.)

Melting point Not applicable

Freezing point Not available

Boiling point Not available

Flash point Not available

Evaporation rate Not available

Flammability limits in air, upper, % by volume Not available

Flammability limits in air, lower, % by volume	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility (water)	Water-soluble
Partition coefficient (n-octanol/water)	Not available
Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
Viscosity	Not available

10. Chemical Stability & Reactivity Information

Reactivity	Unknown.
Chemical stability	Stable under ordinary conditions of use and storage. See Section 7.
Possibility of hazardous reactions	Hazardous polymerization will not occur.
Conditions to avoid	There are no physical conditions known to result in a hazardous situation.
Incompatible materials	Avoid strong oxidizers, strong acids and bases, heavy metals and their salts.
Hazardous decomposition products	None expected under normal conditions of use.

11. Toxicological Information

Routes of exposure	Occupational exposure routes may include inhalation, skin absorption, and eye and skin contact.
Acute effects	No data available.
Skin corrosion/irritation	No data available.
Chronic effects	No data available.
Carcinogenicity	No data available. None of the components present in this mixture at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.
Mutagenicity	No data available.
Reproductive effects	No data available.
Teratogenicity	No data available.
Sensitization	No data available.

12. Ecological Information

Ecotoxicity	No data available.
Mobility in environmental media	No data available.
Persistence / degradability	No data available.
Bioaccumulation	No data available.

13. Disposal Considerations

Disposal instructions	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. If mixture enters drain, flush with a large volume of water to prevent azide build-up. Dispose of unused product, spilled substance and waste in accordance with all applicable federal, state, local and provincial environmental and hazardous waste regulations.
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14. Transport Information

DOT	Not regulated as hazardous goods.
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15. Regulatory Information

US federal regulations	This mixture is a medical device which is not approved by the U.S. Food and Drug Administration for use in the U.S.
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CERCLA (Superfund) reportable quantity

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 No

Section 311 hazardous chemical No

16. Other Information

Further information This MSDS was prepared in accordance with the hazard criteria and content requirements of the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200).

MSDS Number 2077

Version number 05

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