Immunology Consultants Laboratory, Inc.

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ANTIBODIES ARE OUR BUSINESS

Safety Data Sheet

Product Identification

- Product: Goat anti-Biotin – HRP Conjugated (mixture contains thimerosal and conjugate stabilizer)
- Catalog No: GBIO-65P
- CAS No: N/A
- Product Use: Product For Research Use Only, NOT for Diagnostic Use. For In Vitro Use Only. Not for Human or Animal Consumption.
- Company: Immunology Consultants Laboratory, Inc. 15862 SW 72nd Avenue, Suite 150, Portland, Oregon, USA., 503-747-2454
- Emergency Phone Number: 911 if in USA. Use relevant local phone number if outwith USA.

1. Substance Identification

- Thimerosal
- CAS No: 54-64-8
- Product Use: For Research Use Only, NOT for Diagnostic Use. For In Vitro Use Only. Not for Human or Animal Consumption.
- Company: Immunology Consultants Laboratory, Inc. 15862 SW 72nd Avenue, Suite 150, Portland, Oregon, USA., 503-747-2454
- Emergency Phone Number: 911 if in USA. Use relevant local phone number if outwith USA

2. Hazard Identification

- Hazard classification - Not dangerous at supplied concentration

3. Composition/Information on Ingredients

Ingredient	Concentration in product	CAS #	UN #
Thimerosal	<0.004%	54-64-8	2025

4. First Aid Measures

- Ingestion: wash mouth with water provided person is conscious. Call a physician or poison control.
- Inhalation Exposure: remove to fresh air. If not breathing, administer artificial respiration. If breathing is difficult, give oxygen. Call a physician.
- Skin Exposure: immediately flush with copious amounts of water and wash with soap and water. Remove contaminated clothing and shoes. Call a physician if irritation or discomfort develops.
- Eye Exposure: flush the eyes with copious amounts of water for at least 15 minutes. Remove contact lenses if present and flush for at least 15 minutes. Do not re-insert contact lenses. Assure adequate flushing by separating eyelids with fingers. Call a physician.
- Most Important symptoms, acute and delayed: skin or tissue irritation; burns may be possible if response delayed.

5. Fire Fighting measures

- Dry chemical, foam, carbon dioxide, or water fire extinguisher.
- Fire fighting media should be selected depending on the surrounding materials and equipment. Ambient fire may liberate hazardous vapors. It is recommended that firefighters wear protective gear and self-contained breathing apparatus to limit their exposure.

6. Accidental Release Measures

- Ventilate area. Wear appropriate protective gear. Use paper towels or chemical wicks to wipe up and pick-up spilled materials. Dispose of waste in accordance with federal, state, and local regulations. Avoid putting any component into drain or sewer systems. Wash spill site thoroughly with soap and water after material pick up is complete.

7. Handling and Storage

- Should only be handled and used by qualified, trained professionals. Wear protective eyewear, clothing, gloves and other gear whenever handling any of the product components.
- Store at 4°C unless indicated otherwise on the product data sheet.

8. Exposure Controls/Personal Protection

- OSHA Permissible Exposure Level (PEL) information not available at the supplied concentrations.
- Engineering Controls: Use with adequate ventilation and illumination. Check that functional eyewash stations and safety showers are close to the workstation location.
- Individual Protection Measures: Wear suitable protective clothing and appropriate footwear as protection against splashing or contamination. Wear approved safety eyewear and protective gloves. General good laboratory hygiene should be maintained at all times. Wash hands before work breaks and on finishing the work.

9. Physical and Chemical Properties

- Physical State and Appearance:
- Appearance: light brown color
- Solubility: No data at supplied concentration
- Odor: No data at supplied concentration
- Odor Threshold: No data at supplied concentration
- pH: No data at supplied concentration
- Flash point: No data at supplied concentration
- Melting point: No data at supplied concentration
- Boiling Point: No data at supplied concentration
- Boiling Range: No data at supplied concentration
- Evaporation rate: No data at supplied concentration
- Flammability: No data at supplied concentration
- Upper/Lower Flammability: No data at supplied concentration
- Explosive Limits: No data at supplied concentration
- Vapor Pressure: No data at supplied concentration
- Vapor Density: No data at supplied concentration
- Relative Density: No data at supplied concentration
- Solubility: No data at supplied concentration
- Partition coefficient: n-octanol/water: No data at supplied concentration
- Auto-ignition temperature: No data at supplied concentration
- Decomposition Temperature: No data at supplied concentration
- Viscosity: No data at supplied concentration

10. Stability and Reactivity

- Reactivity: No data at supplied concentration
- Chemical Stability: stable until the expiration date indicated on the product label under the recommended storage conditions.
- Hazardous Reactions: No data at supplied concentration
- Conditions to avoid: No data at supplied concentration
- Incompatible Materials: No data at supplied concentration
- Hazardous decomposition products: No data at supplied concentration

11. Toxicological Information

- Acute toxicity - No data at supplied concentration
- Skin corrosion / irritation - No data at supplied concentration
- Serious eye damage / irritation - No data at supplied concentration
- Respiratory or skin sensitization - No data at supplied concentration
- Germ cell mutagenicity - No data at supplied concentration
- Carcinogenicity - No data at supplied concentration
- Reproductive toxicity - No data at supplied concentration
- Specific target organ toxicity (single exposure) - No data at supplied concentration
- Specific target organ toxicity (repeated exposure) - No data at supplied concentration
- Aspiration hazard - No data at supplied concentration
- Symptoms / injuries after inhalation - No data at supplied concentration
- Symptoms / injuries after skin contact - No data at supplied concentration
- Symptoms / injuries after eye contact - No data at supplied concentration
- Symptoms / injuries after ingestion - No data at supplied concentration

12. Ecological Information

- Toxicity: No data at supplied concentration
- Ecotoxicity: No data at supplied concentration
- Persistence and degradability: No data at supplied concentration
- Bioaccumulative potential: No data at supplied concentration
- Mobility in soil: No data at supplied concentration

13. Disposal Considerations

- Waste must be disposed according to federal, state, and local regulations.
- Contact a licensed professional waste disposal service to dispose of this material.
- Contaminated packaging should be disposed of in the same manner as unused product.

14. Transport Information

- No special transport regulations at the supplied concentration.

15. Regulatory Information

- No hazardous ingredient in an amount that requires identification and labeling in the supplied concentration.

16. Other Information

- Document Creation Date: April 7, 2015
- Document Revision Date: N/A

- The above information is believed to be correct but does not purport to be all-inclusive and is intended to be used only as a guide. It is incumbent on the user to read and fully understand the document prior to using the product or any of its components. ICL, Inc. shall not be liable or responsible in any way for use of either this information or the product supplied. Final determination of suitability and safe use of these materials is the sole responsibility of the user. Although a level of information has been made available, it is not a guarantee that no other hazards exist or will not appear during the use of the product and its components. Disposal of waste may be subject to federal, state or local laws or regulations. It is the responsibility of the user to dispose of the product and its components according to those regulations and laws.

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End of section

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- HRP Conjugate Stabilizer .
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- Emergency Phone Number: 911 if in USA. Use relevant local phone number if outwith USA

2. Hazard Identification

- Hazard classification - Not dangerous at supplied concentration

3. Composition/Information on Ingredients

Ingredient	Concentration in product mixture	CAS #	UN #
Methyl-2H or Methyl-4 (3:1)	<0.03%	55965-84-9	3265

4. First Aid Measures

- Ingestion: wash mouth with water provided person is conscious. Call a physician or poison control.
- Inhalation Exposure: remove to fresh air. If not breathing, administer artificial respiration. If breathing is difficult, give oxygen. Call a physician.
- Skin Exposure: immediately flush with copious amounts of water and wash with soap and water. Remove contaminated clothing and shoes. Call a physician if irritation or discomfort develops.
- Eye Exposure: flush the eyes with copious amounts of water for at least 15 minutes. Remove contact lenses if present and flush for at least 15 minutes. Do not re-insert contact lenses. Assure adequate flushing by separating eyelids with fingers. Call a physician.
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9. Physical and Chemical Properties

- Physical State and Appearance:
- Appearance: clear to light yellow
- Solubility: No data at supplied concentration
- Odor: No data at supplied concentration
- Odor Threshold: No data at supplied concentration
- pH: No data at supplied concentration
- Flash point: No data at supplied concentration
- Melting point: No data at supplied concentration
- Boiling Point: No data at supplied concentration
- Boiling Range: No data at supplied concentration
- Evaporation rate: No data at supplied concentration
- Flammability: No data at supplied concentration
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