

Material Safety Data Sheet

Section 1 – Product and Company Information

Product Name: Modified Gormori's Tris Azo-Coupling Buffer (TAC Buffer)

Product Identification Number: A205 - TACB (Component of Leinco AP Magenta 3 Component Immunohistochemical Substrate listed below)

Company: Leinco Technologies, Inc
359 Consort Drive
St. Louis, MO 63011 USA

Emergency Telephone: 636-230-9477
800-538-1145

Section 2 – Composition/ Information on Ingredients

Substance Name: Trade secret formulation

Section 3 – Hazardous Identification

This product contains sodium nitrite.

Section 4 – First Aid Measures

Oral Exposure: Wash out mouth with water if person is conscious and immediately call a physician.

Inhalation Exposure: If inhaled, remove to fresh air. If not breathing, administer CPR. If breathing becomes difficult, give oxygen. If discomfort persists, seek medical attention.

Dermal Exposure: In case of contact, wash skin with soap and copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

Eye Exposure: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.



Products are for research use only. Not for use in diagnostic or therapeutic procedures.

Material Safety Data Sheet

Section 5 – Fire Fighting Measures

Extinguishing Media: Suitable: Water spray, carbon dioxide or appropriate foam.
Firefighting: This product emits toxic fumes under fire conditions. Wear a self-contained breathing apparatus and protective clothing. Water spray, carbon dioxide foam can be used.

Section 6 – Accidental Release Measures

Procedure to be Followed In Case of Leak or Spill/ Methods for Cleaning Up: Absorb with sand or vermiculite and place in a closed container. Hold for disposal. Ventilate area and wash spill site with copious amounts of water.

Procedures and Personal Precautions: Rubber or vinyl gloves, safety glasses/goggles, cotton filter mask, laboratory apron and local exhaust are recommended. Safe laboratory practices should be followed.

Environmental Precautions: Avoid contaminating sewers and waterways with this material.

Section 7 – Handling and Storage

Handling: Keep lid closed tightly. Protect from direct UV light and keep at at 2°C - 8°C. Avoid contact with strong oxidizing agents, strong acids, nitrogen and sulfur oxides, carbon monoxide, carbon dioxide and hydrogen chloride gas. *Use rubber or vinly gloves, safety glasses, cotton filter mask, laboratory mask, and local exhaust recommended.*

Stability: Thermal decomposition may produce toxic fumes, carbon fumes, nitrogen oxides and phosphorous oxide.

Storage: Keep tightly closed and sealed. Store at 2 – 8°C.

Section 8 – Physical/Chemical Properties

Form: Solution
Color: Clear, colorless
Boiling Point: No data available
Vapor pressure (mm Hg): No data available
Vapor density: No data available
Specific gravity: No data available
Evaporation rate: No data available



Products are for research use only. Not for use in diagnostic or therapeutic procedures.

Material Safety Data Sheet

Section 9 – Stability and Reactivity

Stability: Stable

Materials to Avoid: Oxidizing agents and metals.

Hazardous Decomposition Products: Not known to produce hazardous substances upon decomposition.

Hazardous Polymerization Products: Hazardous polymerization products will not occur.

Section 10 – Toxicological Information

Avoid contact with skin, inhalation and ingestion. This product is irritating to skin, eyes and the respiratory system.

Signs and Symptoms of Exposure: Not known

Section 11 – Ecological Information

No data available.

Section 12 – Other Information

Disclaimer: For Research Use Only. Not for drug, household, therapeutic diagnostic or other uses.

Warranty: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Leinco Technologies Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. Copyright 2007 Leinco Technologies, Inc. License granted to make unlimited paper copies for internal use only.



Products are for research use only. Not for use in diagnostic or therapeutic procedures.
