

**MATERIAL SAFETY DATA SHEET**  
**OSHA "Hazard Communication" (29 CFR 1910.1200)**

**Section I- Manufacturer and Product**

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Molecular Biology Reagents

**Product Name: FlashTag RNA Labeling kits**

**Product No.: FT10AFYB, FT30AFYB**

Reagent kits for the biotin labeling of RNA.

Includes complete instructions, Poly(A) Tailing Enzyme with buffers and ATP, proprietary 3DNA dendrimer ligation mix, T4 DNA ligase, synthetic DNA oligonucleotides (blocking reagent), and Synthetic DNA and RNA oligonucleotides (control reagents). These reagents are sufficient for 10 or 30 tests per kit.

**Section II- Hazardous Ingredients**

Nonhazardous in the quantities provided.

**Section III- Physical Data**

Appearance: Vials 1, 2, 3, 5, 7, 8, 9 and 10 are clear, colorless liquids when thawed. Vials 4 and 6 are clear, colorless and somewhat viscous liquids when frozen or thawed due to the presence of 50% glycerol.

**Section IV- Fire and Explosion Hazard Data**

None reported.

**Section V- Health Hazard Data**

This product contains no hazardous materials as defined by the OSHA Hazard Communication Standard.

The toxicological properties of this product have not been determined.

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### Section VI- Reactivity Data

Stable  
Hazardous Polymerization will not occur.

### Section VII- Spill or Leak Procedures

Spill: Use an absorbent material to clean up spilled solution. Once the absorbent is spent, place all contaminated disposables into a suitable container, seal, label, and hold.

Waste Disposal: Dispose of in accordance with all State, Local and Federal Regulations.

### Section VIII- Special Protection Information

Respiratory Protection: Not required under normal product usage.

Ventilation: Not required under normal product usage.

Protective Gloves: Required. Latex gloves (or equivalent) must be worn.

Eye Protection: Not required under normal product usage.

Other Protection Equipment: Not required under normal product usage.

Work Practices: Good laboratory technique should be used when handling this product. Do not mouth pipette! Observe appropriate chemical hygiene and avoid contact with skin and eyes.

Hygienic Practices: Do not eat, drink or smoke while working with reagents. Upon completion of work activities involving this product, wash any exposed body areas thoroughly with soap and water.

### Section IX- Special Precautions/Comments

Store according to label directions.

For Research Use Only. This product is not intended for human or therapeutic use.

Date of Preparation: 16 March 2009

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