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Material Safety Data Sheet (MSDS)

Product Identity Information

Product Name: Merlin Antibody (Phospho-Ser10)

Catalog Number: OAAF05556

Formula: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Unit Size: 1 mg/ml, 0.1 mg/0.1 ml, 0.05 mg/0.05 ml

Ingredient: Phosphate buffered saline pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Uses: This material is sold for research purposes only. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals.

Physical/Chemical Characteristics

Appearance: Light yellow or colorless clear liquid.

Solubility in Water: Soluble

Physical Hazards

Flash Point: Not determined.

Classification: Not determined.

Extinguishing Fire: Use carbon dioxide, dry chemical extinguishers or water. An approved self-contained breathing apparatus and protective clothing are recommended.

Reactivity & Storage Conditions

Stability: Stable. Not a significant hazard in these quantities.

Storage Conditions: Refrigerator storage recommended (2-8°C or -20°C for long term storage).

Materials to Avoid: Strong acids, strong alkalis, strong oxidizing agents.

Corrosiveness: Mildly corrosive to aluminum. Moderately corrosive to copper and lead (azide only)

Health Hazard Data

Routes of Entry: May enter the body through inhalation, ingestion, and eye and skin contact.

RTECS Number: Not known.

Exposure Limits: Not determined

Toxicity: We are not aware of any toxicity data for this product.

Health Hazards: See Potential Hazards below.

Potential Hazards: The complete properties have not been investigated.

Worksafe Exposure Limits: (Sodium azide) TWA = 0.3 mg/m³.

Carcinogenicity: Not listed in Worksafe's document "Exposure Standards for Atmospheric Contaminants in the Occupational Environment" (May 1995).

Exposure Symptoms: Data suggests *pure* azide (azide is a minor component of this product) should be classified as a dangerous eye irritant and toxic by ingestion. Pure azide may cause severe irritation with corneal injury, which may result in permanent impairment of vision and even blindness.

First Aid: Potentially harmful; avoid prolonged or repeated exposure. Wash thoroughly after handling, if eye or skin contact occurs, wash affected areas thoroughly with soap and water for 15 minutes. If inhaled, move individual to fresh air and seek medical advice. If swallowed, seek medical advice.

Precautions for Safe Use/Control Measures

Ventilation: This product should be utilized in a ventilated space. No special ventilation is required.

Handling: Gloves, protective clothing, and eyewear should be worn and safe laboratory practices followed.

In Case of Spill: Use appropriate protective equipment and sodium hypochlorite (minimum 4%) to clean up spilled substance. Promptly absorb spill onto an appropriate material. Collect and dispose of all waste in accordance with applicable laws.

Clean-up: Wash with soap and water.

Note

The information on MSDS is correct to the best of our knowledge. Users should make independent decisions regarding completeness of the information based on all sources available. Aviva Systems Biology Corporation shall not be held liable for any damage resulting from handling or contact with the above product.