



Material Safety Data Sheet

date: 8/4/11

Product Identity Information

Product Type: Mouse monoclonal antibody
Catalog Numbers: R21.001, R21.002
Formula: 50 mM Tris-HCl (pH 7.5), 150 mM NaCl, 0.01% sodium azide, 0.05% BSA, 40% glycerol
Unit Size: 50 – 100 μ L
CAS Number/Name: Ingredient: Sodium azide = 26628-22-8; Glycerol = 56-81-5
Uses: Research reagents

Physical/Chemical Characteristics

Appearance: Clear, colorless liquid
Solubility in water: Soluble

Physical Hazards

Flash point: Not Determined.
Classification: Not Determined.
Extinguishing Fire: Carbon dioxide, dry chemical extinguishers or water. Protective clothing and approved, self-contained breathing apparatus recommended.

Reactivity and Storage Conditions

Stability: Stable. No significant hazard at these quantities.
Storage Conditions: Refrigeration (2-8°C) recommended. Do not freeze.
Materials to Avoid: Strong acids, strong alkalis, strong oxidizing agents.
Corrosiveness: Moderately corrosive to copper and lead (due to azide).

Health Hazard Data

Routes of Entry: May enter body through ingestion, inhalation, eye, or skin contact.
RTECS Number: None known.
Exposure Limits: Not determined.
Toxicity: We are not aware of any toxicity for this product.
Potential Hazards: The complete properties have not been investigated.
Safe Exposure Limits: (Sodium azide) TWA = 0.3 mg/m³
Carcinogenicity: None known.
Exposure symptoms: There is evidence that *pure* azide (a minor component) should be classified as an eye irritant. *Pure* azide may cause corneal injury, which may result in impairment of vision or even blindness.
First Aid: Wash thoroughly after handling; avoid prolonged or repeated exposure. If eye or skin contact occurs, wash with soap and water for 15 minutes; if inhaled, move to fresh air; if ingested, seek medical advice.

Precautions for Safe Use

Ventilation: Use in normally 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: Wear protective clothing. Promptly absorb with appropriate material, and collect and dispose of all waste in accordance with applicable laws.
Clean up: Wash with soap and water.

This material is sold for research use only. It is not intended for food, drug, household, agricultural or cosmetic use. The above information is correct to the best of our knowledge. Users should make independent decisions regarding completeness of the information based upon all available sources. CEP Biotech shall not be held liable for any damage resulting from handling or contact with the above product.

For more information: techsupport@cepbiotech.com | www.cepbiotech.com