GenuIN Biotech LLC

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Material Safety Data Sheet (MSDS)

I. Identification:

Catalog Number: 5376
Product Name: Anti-Creatine Kinase B Mouse Monoclonal Antibody
Manufacturer & Supplier: GenuIN Biotech LLC
Address: 9610 Medical Center Dr, Ste 200, Rockville, MD 20850, USA
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II. Composition/Information on Ingredients:

This product is composed of antibodies in aqueous buffer solution. According to 29 CFR1910.1200(d), hazardous ingredients at less than <1% and carcinogens at less than < 0.1% are considered non-hazardous. Any hazardous or carcinogenic ingredients exceeding these criteria are listed below.
This product may contain the following hazardous ingredients.
Ingredient: glycerol
CAS#: 56-81-5
Percent: 50%

III. Hazard Identification:

Emergency Overview of Hazardous ingredient: glycerol (CAS# 56-81-5)
Caution: Avoid contact and inhalation.
Target Organ: Kidneys.
NFPA Rating:
Health Rating: 1
Flammability Rating: 0
Reactivity Rating: 0

IV. First Aid Measures:

Inhalation: If inhaled, remove to fresh air. If breathing is difficult, get medical attention.
Ingestion: If swallowed and person is conscious, rinse out mouth with water. Get medical attention.
Skin Exposure: In case of contact, wash skin with soap and water.
Eye Exposure: In case of contact with eyes, immediately flush eyes water for at least 5 minutes. Get medical attention.

V. Fire Fighting Measures:

Flash Point: Data not available.
Autoignition Temperature: Data not available.
Fire Extinguishing Media: Water spray, dry chemical, foam, or carbon dioxide.
Firefighting: Wear protective clothing and self-contained breathing apparatus to prevent contact with skin and eyes.

VI. Accidental Release Measures:

Absorb liquid with an absorbent material. Transfer contaminated absorbent to a chemical waste container for disposal.

VII. Handling And Storage:

Avoid inhalation and contact with eyes and skin. Avoid prolonged or repeated exposure. Store at –20 °C in tightly closed container.

VIII. Exposure Controls/Personal Protection:

Engineering Controls: Maintain adequate ventilation, eye wash and quick-drench facilities

IX. Physical and Chemical Properties:

Physical State: Colorless liquid.
Odor: Odorless.
Boiling Point: Data not available.
Melting Point: Data not available.
Volatile Organic Compound: Data not available.
Solubility in water: Readily miscible in water.

X. Stability and Reactivity:

Stability: Stable.
Hazardous Decomposition: May form carbon dioxide and carbon monoxide.
Conditions to avoid: Strong oxidizing agents

XI. Toxicological Information:

May cause skin irritation.
May be toxic if absorbed through skin or ingested.
May cause eye irritation.
Target Organs: Kidneys
Prolonged exposure may cause nausea, headache, and vomiting.

XII. Ecological Information:

Data not available.

XIII. Disposal Considerations:

Dispose of in accordance with federal, state and local environmental regulations.

XIV. Transport Information:

D.O.T.: This substance is considered non-hazardous for transport.
IATA: This substance is considered non-hazardous for air transport.

XV. Regulatory Information:

EU Regulation/Classification/Labeling Information: Not available for this product.
Chemical Inventory Status:
SARA Listed Component: None.
TSCA Listed Component: None.
Canada (WHMIS): DSL No, NDSL No.

XVI. Other Information:

This product is sold only for research use by personnel familiar with chemicals and who are well trained in good laboratory habits, such as avoiding spills, keeping hands clean at all times and not rubbing eyes with hands while working in the laboratory.
This product is sold only in microliter quantities for use in life sciences research. No other use is intended, and any other use may involve substantive hazards.
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide for experienced personnel. GenuIN Biotech LLC shall not be held liable for any damage resulting from the handling of or from contact with the above product. The burden of safe use of this material rests entirely with the user.

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