

I. Identification:

Product Name: Anti-SMAD4(R361H) Mouse Monoclonal Antibody

Catalog Number: 26422

Manufacturer Supplier: NewEast Biosciences, 1150 First Avenue, Suite 501, King of Prussia, PA 19406 (610) 945-2007

II. Composition/Information on Ingredients:

Water	CAS# 7732-18-5
Sodium Azide 0.02%	CAS# 26628-22-8
Sodium Chloride < 1%	CAS# 7647-14-5
Sodium Phosphate < 1%	CAS# 7558-79-4
Glycerol 50%	CAS# 56-81-5

III. Hazard Identification:

Emergency Overview of Hazardous ingredient: Sodium azide (CAS# 26628-22-8)

Caution: Avoid contact, ingestion and inhalation.

Target Organ: Kidneys, liver, skin.

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 15 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

Engineering Controls: Maintain adequate ventilation, eye wash and quick-drench facilities in work area.

Personal Protective Equipment: Lab coat, chemical

resistant gloves and chemical safety glasses.

Occupational Exposure Limits: Data not available.

IX. Exposure Controls/Personal Protection:

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, liver, skin

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:

DOT: This substance is considered non-hazardous for transport.

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

XV. Regulatory Information:

Substances of Very High Concern: None.

Restricted Substances under EC 1907/2006, Annex XVII: None.

Substances Listed under Annex I of Regulation (EC) No 689/2008: None.

Restricted Substances under Annex V of Regulation (EC) No 689/2008: None.

Substances under Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on Persistent Organic Pollutants and Amending Directive 79/117/EEC: None.

German Water Hazard Classes (Wassergefährdungsklassen): Not classified.

Note: The above information is believed to be correct but should only be used as a guide for experienced personnel. NewEast Biosciences will not be liable for any damage resulting from the handling of or from contact with the



Materials Safety Data Sheet (MSDS)

above product.

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS

Support: 610-945-2007 info@neweastbio.com Web: www.neweastbio.com