

### I. Identification:

Product Name: Anti-Ral Rabbit Polyclonal Antibody

Catalog Number: 21150

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 above product.