

# SAFETY DATA SHEET

## SLC7A2 Polyclonal Antibody

### Catalog No. A72983

#### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product name:** SLC7A2 Polyclonal Antibody  
**Recommended use of the chemical and restrictions on use:** For research use only. Not for use in diagnostic procedures.

**Manufacturer supplier:** EpiGentek Group Inc  
110 Bi County Blvd. Ste 122  
Farmingdale, NY 11735 USA  
Phone: 1-631-755-0888  
Fax: 1-718-484-3956

**Emergency phone:** In case of emergency, call PERS (Professional Emergency Resource Services).

#### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

This product is composed of antibodies in aqueous buffer solution. May contain glycerol. According to 29 CFR 1910.1200(d), hazardous ingredients at less than <1% and carcinogens at less than < 0.1% are considered non-hazardous. Hazardous or carcinogenic ingredients are listed below.

Ingredient	CAS#	Weight percent
GLYCEROL	56-81-5	Up to 50%

Check product data sheet to verify the formula ingredients.

#### SECTION 3: HAZARDS IDENTIFICATION

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

##### GHS - Classification

**Health hazards:** Not classified.  
**Physical hazards:** Not classified.  
**Environmental hazards:** Not classified.

##### Label elements

**Signal word:** None.  
**Hazard pictograms:** None.  
**Hazard statements:** Not applicable.

##### Precautionary statements

**Prevention:** Not applicable.  
**Response:** Not applicable.  
**Storage:** Not applicable.  
**Disposal:** Not applicable.  
**Other hazards:** Not applicable.

#### SECTION 4: 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 with water for at least 15 minutes. Get medical attention.

**Notes to physician:** Treat symptomatically.  
**Most important symptoms and effects, both acute and delayed:** Not applicable.

#### SECTION 5: FIRE FIGHTING MEASURES

**Flammable properties:** May cause fire.  
**Suitable extinguishing media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
**Specific hazards arising from the chemical:** Keep product and empty container away from heat and sources of ignition.  
**Special extinguishing media:** Cool drums with water spray.  
**Special protective equipment for fire-fighters:** Wear self-contained breathing apparatus and protective suit.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:**  
Ensure adequate ventilation.  
Always wear recommended Personal Protective Equipment Use personal protection equipment.  
*See Section 8 for more detail.*  
**Environmental precautions:** No special environmental precautions required.  
**Methods for containment and cleaning up:** Soak up with inert absorbent material.  
*See section 8 for more information.*

#### SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling:** Use personal protective equipment as required. No special handling advices are necessary.  
**Conditions for safe storage, including any incompatibilities:** Keep in a dry, cool and well-ventilated place. Keep in properly labelled containers.  
**Safe handling:** Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice.  
**Storage:** Store in tightly closed container at -20°C or at -80°C for long term storage.

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure guidelines:** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.  
**Other information:** These recommendations apply to the product as supplied.  
**Engineering measures:** Ensure adequate ventilation, especially in confined areas.

##### Personal Protective Equipment

**Respiratory protection:** None under normal use conditions.  
**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.

**Hygiene measures:** When using, do not eat, drink or smoke, Handle in accordance with good industrial hygiene and safety practice.

#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

##### **Information on basic physical and chemical properties:**

<b>Appearance</b>	Liquid
<b>Odor</b>	No data available
<b>Melting point / melting range</b>	No data available
<b>Boiling point / boiling range</b>	No data available
<b>Flash point</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper explosion limits</b>	No data available
<b>Lower explosion limits</b>	No data available
<b>Vapor pressure</b>	No data available
<b>Relative density</b>	No data available
<b>Specific gravity</b>	No data available
<b>Solubility: GLYCEROL</b>	Soluble
<b>Explosive properties</b>	No data available
<b>OTHER INFORMATION</b>	No data available

#### **SECTION 10: STABILITY AND REACTIVITY**

**Reactivity-Glycerol:** Mildly corrosive to aluminum.

**Stability:** Stable under normal conditions.

**Hazardous reactions:** None under normal processing.

**Conditions to avoid:** None known based on information supplied.

**Hazardous decomposition products:** None under normal conditions.

#### **SECTION 11: TOXICOLOGICAL INFORMATION**

May cause skin irritation.

May be toxic if absorbed through skin or ingested.

May cause eye irritation.

Prolonged exposure may cause nausea, headache, and vomiting.

#### **SECTION 12: ECOLOGICAL INFORMATION**

Data not available

#### **SECTION 13: DISPOSAL CONSIDERATIONS**

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance to approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations.

#### **SECTION 14: TRANSPORT INFORMATION**

**IATA / ADR / DOT-US / IMDG:** Not classified as dangerous in the meaning of transport regulations.

**UN number** Not applicable

**UN proper shipping name** Not applicable

**Transport hazard class(es)** Not applicable

**Packing group** Not applicable

**Environmental hazards** Not applicable

**Special precautions for user** Not applicable

#### **SECTION 15: REGULATORY INFORMATION**

**Not classified dangerous in the meaning of transport regulations.**

#### **SECTION 16: OTHER INFORMATION**

For research use only, not for diagnostic or therapeutic use. No other use is intended, and any other use may involve substantive hazards.

##### **Disclaimer**

The above information is believed to be correct but only used as a guide for experienced personnel. EpiGentek shall not be liable for any damage resulting from the handling or from contact with the above product.

**SDS Date of Preparation/Update:** September 11, 2023