

# Material Safety Data Sheet

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## 1. Product and Company Identification

**Product Name:** Antibody

**Catalog Number:** CAB Series Antibodies

**Company Name:** Assay Genie Ltd

**Address:** 25 Windsor Place, Dublin 2, Ireland, D02 VY42

**Webpage:** [www.assaygenie.com](http://www.assaygenie.com)

**E-mail:** info@assaygenie.com

**Phone:** T: +353 1 5639720 (IRE)

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## Part I:

**PRODUCT IDENTITY:** Polyclonal antibody

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## Part II:

### COMPOSITION/INFORMATION ON INGREDIENTS:

- Glycerol 50% Cas #56-81-5
  - Double Distilled Water 40-50% Cas #7732-12-5 IgG proteins 10-50%
  - Sodium Chloride <0.8% Cas #7647-14-5
  - Sodium Phosphate, Dibasic <0.4% Cas #7558-79-4 Sodium Azide <0.02% Cas#26628-2-8
  - The only hazardous substance, sodium azide, is present in these products in very small amounts as an antimicrobial preservative.
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## Part III:

### HAZARDOUS INGREDIENTS:

Materials Sodium Azide, less than or equal to 0.1% (w/v). Toxicity Data LD50=27mg/kg (oralrat). This product is considered nonhazardous under 29 CFR 1910.1200 (Hazard Communication). Physical state of Sodium Azide-containing antibody: Odorless, light gold color, clear liquid.

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## **Part IV:**

### **FIRST AID MEASURES:**

- Skin Contact: Wash off skin thoroughly with soap and water. Remove contaminated clothing and wash before re-using.
  - Eye Contact: Ensure adequate flushing of eye contamination for at least 15 minutes.
  - Inhalation: Remove from exposure, rest and keep warm.
  - Ingestion: Wash your mouth out thoroughly with water and drink plenty of water.
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## **Part V:**

### **FIRE FIGHTING MEASURES:**

Suitable extinguishing media: Water Spray, Carbon Dioxide, Dry Chemical Powder or appropriate foam.

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## **Part VI:**

### **ACCIDENTAL RELEASE MEASURES:**

Wear appropriate protective clothing. Mop up with absorbent cloth and arrange removal by a disposal company. Wash sites of spillage thoroughly with water and detergent.

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## **Part VII:**

### **HANDLING AND STORAGE:**

Use only in areas provided with exhaust ventilation. Avoid contact with eyes. Wear a lab coat. Keep the container tightly closed, and in a cool and well-ventilated area. Store at -20°C.

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## **Part VIII:**

### **EXPOSURE CONTROLS/PPE:**

Follow good laboratory practice when handling this product. The following precautionary measures are recommended:

- Eye protection: Laboratory safety goggles.
- Hands: Chemical resistant gloves.

- Skin: Laboratory protective clothing.
  - Respiratory: Fume hood or in areas with adequate ventilation.
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## **Part IX:**

### **PHYSICAL AND CHEMICAL PROPERTIES:**

General Information: Form – Liquid.

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## **Part X:**

### **CHEMICAL STABILITY AND REACTIVITY:**

- Stability: Stable
  - Conditions to avoid: None known. Incompatibility: None known.
  - Hazardous Polymerization: Will not occur.
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## **Part XI:**

### **TOXICOLOGICAL INFORMATION:**

May be harmful if inhaled and absorbed through skin. May be Harmful if swallowed.

May be irritating to mucous membranes and upper respiratory tract. May cause eye/skin irritation.

Carcinogenic effects: Not available. Mutagenic effects: Not available. Reproduction toxicity: Not available. Teratogenic effects: Not available.

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## **Part XII:**

### **ECOLOGICAL INFORMATION:**

Data is not yet available.

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## **Part XIII:**

### **DISPOSAL CONSIDERATIONS:**

In accordance with local and national regulations.

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**Part XIV:****TRANSPORT INFORMATION:**

Not classified as dangerous in the meaning of transport regulations, under IATA DGR year 2016.

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**Part XV:****PRECAUTIONS:**

Store the antibodies at -20°C

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

For research use only, not for diagnostic or therapeutic use.