

Material Safety Data Sheet

1. Product and Company Identification

Product Name: Biosimilar Antibody

Catalog Number: IHVMB Series Biosimilars

Company Name: Assay Genie Ltd

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Part I:

PRODUCT IDENTITY: Biosimilar antibody

Part II:

COMPOSITION/INFORMATION ON INGREDIENTS:

Formulation: Monoclonal antibodies and conjugates in an aqueous buffer solution many containing < 0.1% w/v of the preservative sodium azide.

- 7601-54-9 / Sodium Phosphate
 - 7447-40-7 / Potassium Chloride
 - 7647-14-5 / Sodium Chloride
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Part III:

HAZARDOUS INGREDIENTS:

This product contains no hazardous constituents, or the concentrations of all chemical constituents are below the regulatory threshold limits described by Occupational Safety Health Administration Hazard Communication Standard 29 CFR 1910.1200.

Part IV:

FIRST AID MEASURES:

- General: If exposed or concerned, get medical attention/advice. Show this safety data

sheet to the attending doctor. Wash contaminated clothes prior to reuse. Never give anything to an unconscious person.

- Oral Exposure: If swallowed, rinse mouth thoroughly. DO not induce vomiting without advice from poison control center or medical professional. Get medical attention/call poison control if you feel unwell.
 - Inhalation Exposure: If inhaled, remove to fresh air. If not breathing, administer CPR. If breathing becomes difficult, give oxygen. If discomfort persists, seek medical attention.
 - Dermal Exposure: In case of contact, wash skin with soap and copious amounts of water for at least 15 minutes.
 - Remove contaminated clothing and shoes. If irritation persists, call a physician. Eye Exposure: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Remove contact lenses if present and easy to do so. Obtain medical attention if pain, blinking, or redness persists.
 - General Symptoms: Not expected to present a significant hazard under anticipated conditions of normal use.
 - Inhalation: May cause respiratory irritation. Dermal contact: May cause skin irritation.
 - Eye Contact: May cause irritation. Ingestion: May cause gastrointestinal irritation.
 - Ingestion: Wash your mouth out thoroughly with water and drink plenty of water. Seek Medical Advice.
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Part V:

FIRE FIGHTING MEASURES:

- Extinguishing Media: Suitable. Noncombustible. Use extinguishing media appropriate to surrounding fire conditions.
- Unsuitable: None known.
- Special hazards arising from substance or mixture:
- Fire Hazard: No data available. Explosion Hazard: No data available.
- Reactivity: No dangerous reactions known under normal conditions of use.
- Firefighting Instructions: Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. For fires involving this material, do not enter any enclosed or confined space without proper protective equipment.
- Precautionary Measure: Keep away from heat, hot surfaces, sparks, open flames and other

ignition sources. No smoking.

- Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
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Part VI:

ACCIDENTAL RELEASE MEASURES:

- Procedures and Personal Precautions: Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
 - Methods for Cleaning Up: Sweep up, place in a plastic bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete
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Part VII:

HANDLING AND STORAGE:

- Handling: User Exposure: Avoid inhalation. Avoid contact with eyes, skin, and clothing.
 - Avoid prolonged or repeated exposure. Storage: Suitable: Keep tightly closed and sealed.
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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:

- Physical State Form: Liquid
- Appearance: Clear Liquid
- Color: Clear
- Odor Threshold: No data available
- pH: 7.2-7.4

- Relative evaporation rate: No data available
 - Boiling point: No data available
 - Melting point: No data available
 - Freezing point: No data available
 - Flash point: No data available
 - Auto-ignition temperature: No data available
 - Decomposition Temperature: No data available
 - Flammability: No data available Relative vapor density at 20°C: No data available
 - Relative density: No data available
 - Solubility: Aqueous
 - Vapor Pressure: No data available
 - Log Pow: No data available
 - Log Kow: No data available
 - Viscosity, kinematic: No data available Viscosity, dynamic: No data available
 - Explosive properties: No data available
 - Oxidizing properties: No data available
 - Explosive limits: No data available
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Part X:

CHEMICAL STABILITY AND REACTIVITY:

- Stability: Stable
 - Materials to Avoid: Not data available.
 - Hazardous Decomposition Products: Nature of decomposition of products not known
 - Hazardous Polymerization Products: Hazardous polymerization of products will not occur.
 - Incompatible Materials: No data available.
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Part XI:

TOXICOLOGICAL INFORMATION:

- Acute toxicity: Not classified
 - Skin corrosion/irritation: Not classified. pH: Neutral
 - Serious eye damage/irritation: May cause eye irritation. pH: Neutral
 - Respiratory or skin sensitization: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.
 - Germ cell mutagenicity: Not classified
 - Carcinogenicity: Not classified
 - Reproductive toxicity: Not classified
 - Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
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Part XII:

ECOLOGICAL INFORMATION:

Data is not yet available.

Part XIII:

DISPOSAL CONSIDERATIONS:

Waste disposal method Dispose in accordance with local, state, and federal regulations.

Part XIV:

TRANSPORT INFORMATION:

Data is not yet available.

Part XV:

OTHER INFORMATION:

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.