

Material Safety Data Sheet

1. Product and Company Identification

Product Name: Recombinant Protein

Catalog Number: RPES Series Recombinant Protein

Company Name: Assay Genie Ltd

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Part I:

PRODUCT IDENTITY: Recombinant Protein

Part II:

COMPOSITION/INFORMATION ON INGREDIENTS:

See instructions for details. This product does not contain any hazardous substances at concentrations of 1% or greater.

Part III:

HAZARDOUS INGREDIENTS:

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

Part IV:**FIRST AID MEASURES:**

- **General advice:** Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
- **If inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a physician.
- **In case of skin contact:** Wash off with soap and plenty of water. Consult a physician.
- **In case of eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
- **If swallowed:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Part V:**FIRE FIGHTING MEASURES:**

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

Part VI:**ACCIDENTAL RELEASE MEASURES:**

Wear appropriate protective clothing and gloves. Mop up with an absorbent cloth and arrange for removal by a disposal company. Wash the site of spillage thoroughly with water and detergent.

Part VII:**HANDLING AND STORAGE:**

- Precautions for safe handling
- Use only in area provided with exhaust ventilation. Wear a lab coat and gloves. Avoid inhalation, contact with eyes, skin and clothing.
- Conditions for safe storage, including any incompatibilities
- Keep container tightly closed, and in a dry and well-ventilated area. Store at $< -20^{\circ}\text{C}$ $\sim -80^{\circ}\text{C}$. Containers which are opened must be carefully resealed.

Part VIII

EXPOSURE CONTROLS/PERSONAL PROTECTION:

- Appropriate engineering controls
 - Use in a fume hood where applicable. Ensure all engineering measures described under Part VIII of SDS are in place.
 - Ensure laboratory is equipped with a safety shower and eye wash station.
 - Personal protection
 - o Eye protection: Laboratory safety goggles.
 - o Hands: Chemical resistant gloves.
 - o Skin: Laboratory protective clothing.
 - o Respiratory: Fume hood or in areas with adequate ventilations.
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Part IX

PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Lyophilized powder or Liquid.

Odor: Not available

Odor threshold: Not available

pH: Not available

Melting/freezing point: Not available

Initial boiling point and boiling range: Not available

Flash point: Not available

Evaporation rate: Not available

Flammability (solid, gas): Not available

Upper/lower flammability or explosive limits: Not available

Vapor pressure: Not available

Relative density: Not available

Water solubility: Not available

Solubility in other solvents: Not available

Partition coefficient: Not available

Autoignition temperature: Not available

Decomposition temperature: Not available

Viscosity: Not available

Part X

CHEMICAL STABILITY AND REACTIVITY:

Reactivity: No information available.

Chemical Stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Conditions to avoid: Heat and moisture.

Incompatibility materials: Acids, bases, oxidizing agents, reducing agents, alkali metals.

Hazardous decomposition: No information available.

Part XI

TOXICOLOGICAL INFORMATION:

Acute toxicity

Eyes: May cause eye irritation.

Skin: May cause skin irritation.

Inhalation: May cause irritation of mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

Long term effects:

Carcinogenic effects: No information available

Mutagenic effects: No information available

Reproduction toxicity: No information available

Teratogenic effects: No information available

Part XII

ECOLOGICAL INFORMATION:

No information available

Part XIII**DISPOSAL CONSIDERATIONS:**

In accordance with local and national regulations.

Part XIV**TRANSPORT INFORMATION:**

RID/ADR: Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA: Non-Hazardous for Air Transport.

IMO: Non-Hazardous for Sea Transport.

Part XV:**REGULATORY INFORMATION:**

This material safety data sheet complies with the requirements of Regulation (EC) No. 1272/2008 and its amendments.

Part XVI:**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.
