

## Material Safety Data Sheet

Product code: **GM-Tg-hg-T10191-iso-kit**

Product Name: **SOLIDEX®-ISOEx Indirect Human CD4+ T Cell Isolation Kit (Column-based)**

A safety datasheet is provided for the following component(s)  
**SOLIDEX®-ISOEx Anti- Human CD4+ T Cell monoclonal antibody(mAb) (Biotin)**

**SOLIDEX®-ISOEx anti-Biotin Nanobeads (Column-Based)**

### **SOLIDEX®-ISOEx Anti- Human CD4+ T Cell monoclonal antibody(mAb) (Biotin)**

#### **SECTION 1**

#### **IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**

Recommended Use: Laboratory Research Reagents

MANUFACTURER: Genemedi Biotechnology Co., Ltd

Room 607, Building 2, 3377 Kangxin Road, Pudong New Area  
Shanghai, China

Phone: 86-21-50478399

Fax: 86-21-50478399

Email: support@genemedi.net

#### **SECTION 2**

#### **HAZARDS IDENTIFICATION**

None of hazardous components

#### **SECTION 3**

#### **COMPOSITION/INFORMATION ON INGREDIENTS**

Mixture

| <b>Component</b>  | <b>Weight % content (or range)</b> | <b>Classification according to Regulation (EC) No. 1272/2008 [CLP]</b> | <b>Specific Cone. Limits, M-factors</b> |
|---|------------------------------------|--|---|
| <b>Poloxamer-188</b><br>CAS: 9003-11-6<br>EC: 618-355-0<br>Index No.: / | No information available           | Not classified   | /                                       |
| <b>Antibody (Biotin)</b><br>CAS: /<br>EC: /                             | No information available           | Not classified   | /                                       |

|              |  |  |  |
|--------------|--|--|--|
| Index No.: / |  |  |  |
|--------------|--|--|--|

**SECTION 4  
FIRST-AID MEASURES**

|                    |  |
|--------------------|--|
| Skin contact       | Wash off immediately with plenty of water                      |
| Eye contact        | Rinse thoroughly with plenty of water, also under the eyelids. |
| Ingestion          | Never give anything by mouth to an unconscious person          |
| Inhalation         | Move to fresh air  |
| Notes to physician | Treat symptomatically  |

**SECTION 5  
FIRE-FIGHTING MEASURES**

Suitable extinguishing media: Water spray, alcohol-resistant foam, dry chemical or CO2.  
Special protective equipment: Self-contained breathing apparatus.

**SECTION 6  
ACCIDENTAL RELEASE MEASURES**

**Personal precautions**

Use personal protective equipment

**Environmental Precautions**

Should not be released into the environment

**Methods for Containment and Clean Up**

Ventilate area and wash spill site after material pickup is complete.

**SECTION 7  
SAFETY HANDLING AND STORAGE**

**Safety Handling**

Should be handled by trained personnel observing good laboratory practices. Avoid breathing vapor. Avoid skin contact or swallowing. May cause allergic reaction in sensitized individuals.

**Storage**

Store at 2°C to 8°C. Protect from light. Avoid freezing

**SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering measures**

Handle in accordance with good industrial hygiene and safety practices. Wash hands immediately after handling the product.

**Personal protective equipment**

Full-length laboratory coat, disposable nitrile gloves, safety glasses, closed-toe shoes, suitable respiratory equipment in cases of inadequate ventilation.

**Control parameters**

**Occupational Exposure limit values**

No relevant regulations

Biological limit values

**Biological limit values**

No relevant

regulations

**Monitoring methods**

EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of

exposure to chemical and biological agents.

GBZ/T 300 series standard Determination of toxic substances in workplace air.

**Derived No effect level (DNEL)**

| Component                | Route of exposure | DNEL for Workers         |                          |                          |                           |
|--------------------------|-------------------|--------------------------|--------------------------|--------------------------|---------------------------|
|                          |                   | Acute effects(local)     | Acute effects (systemic) | Chronic effects(local)   | Chronic effects(systemic) |
| <b>Polexamer-188</b>     | Inhalation        | No information available | No information available | No information available | No information available  |
|                          | Oral              | No information available | No information available | No information available | No information available  |
|                          | Dermal            | No information available | No information available | No information available | No information available  |
| <b>Antibody (Biotin)</b> | Inhalation        | No information available | No information available | No information available | No information available  |
|                          | Oral              | No information available | No information available | No information available | No information available  |
|                          | Dermal            | No information available | No information available | No information available | No information available  |

Predicted No Effect Concentration (PNEC)

**Predicted No Effect Concentration (PNEC)** No information available

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

Form: Liquid

Odor: no data available

pH: no data available

Boiling point / range: no data available

Melting point / range: no data available

Flash point: no data available

Evaporation rate: no data available

Vapor pressure: no data available

Vapor density: no data available

Relative density: no data available

Water solubility: no data available

Autoignition temperature: no data available

Decomposition temperature: no data available

Viscosity: no data available

Explosive properties: no data available

Oxidizing properties: no data available

## **SECTION 10. STABILITY AND REACTIVITY**

Stability: Stable under normal conditions.

Reactivity: no data available

Conditions to avoid: Excess heat. Exposure to air or moisture over prolonged periods.

Incompatible materials: no data available

Decomposition products: no data available

## **SECTION 11. TOXICOLOGICAL INFORMATION**

Acute toxicity: no data available

Skin corrosion/irritation: no data available

Serious eye damage/irritation: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity: There are no known carcinogenic chemicals in this product

Reproductive toxicity: no data available

## **SECTION 12. ECOLOGICAL INFORMATION**

Ecotoxicity: Do not empty into drains.

Mobility: no data available

Biodegradation: no data available

Bioaccumulation: no data available

### SECTION 13. DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification

### SECTION 14. TRANSPORT INFORMATION - IATA

Hazard Class: Not Hazardous

### SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture: no data available

Chemical safety assessment: no data available

### SECTION 16. OTHER INFORMATION

The information on this Safety Data Sheet is correct but does not purport to be all inclusive. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification.

## SOLIDEX®-ISOEx anti-Biotin Nanobeads (Column-Based)

### SECTION 1

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#### HAZARDS IDENTIFICATION

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| Component   | Weight % content (or range) | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Specific Cone. Limits, M-factors |
|---|-----------------------------|---|----------------------------------|
| <b>Poloxamer-188</b><br>CAS: 9003-11-6<br>EC: 618-355-0<br>Index No.: / | No information available    | Not classified  | /                                |

|   |                          |                |   |
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| <b>anti-Biotin Nanobeads</b><br>CAS: /<br>EC: /<br>Index No.: / | No information available | Not classified | / |
|---|--------------------------|----------------|---|

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#### **SECTION 5 FIRE-FIGHTING MEASURES**

Suitable extinguishing media: Water spray, alcohol-resistant foam, dry chemical or CO<sub>2</sub>.  
Special protective equipment: Self-contained breathing apparatus.

#### **SECTION 6 ACCIDENTAL RELEASE MEASURES**

##### **Personal precautions**

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##### **Environmental Precautions**

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##### **Methods for Containment and Clean Up**

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| anti-Biotin Nanobeads | Inhalation        | No information available | No information available | No information available | No information available  |
|                       | Oral              | No information available | No information available | No information available | No information available  |
|                       | Dermal            | No                       | No                       | No information           | No information            |

|  |  |                       |                       |           |           |
|--|--|-----------------------|-----------------------|-----------|-----------|
|  |  | information available | information available | available | available |
|--|--|-----------------------|-----------------------|-----------|-----------|

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## End of Safety Data Sheet

Revision Date 5-December-2025

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