

Material Safety Data Sheet

Product code: **GM-Tg-hg-T66426-iso-kit-CF**

Product Name: **SOLIDEX®-ISOEx Indirect Human CD34+ Cell Isolation Kit (Column-free)**

A safety datasheet is provided for the following component(s)

SOLIDEX®-ISOEx Anti- Human CD34+ Cell monoclonal antibody(mAb) (Biotin)

SOLIDEX®-ISOEx anti-Biotin Nanobeads (Column-Free)

SOLIDEX®-ISOEx Anti- Human CD34+ 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

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

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)
Poloxamer-188	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
Antibody (Biotin)	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

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SOLIDEX®-ISOEx anti-Biotin Nanobeads (Column-Free)

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End of Safety Data Sheet

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