

## Material Safety Data Sheet

### SECTION 1

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

Product code: **GM-Tg-hg-T43115-iso-nanoIMB-CF**

Product Name: **SOLIDEX®-ISOEx Human CD45 Isolation Nanobeads (Column-free)**

Recommended Use: Laboratory Research Reagents

MANUFACTURER: Genemedi Biotechnology Co., Ltd

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### 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
<b>Poloxamer-188</b> CAS: 9003-11-6 EC: 618-355-0 Index No.: /	No information available	Not classified	/
<b>Nanobeads</b> 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 CO<sub>2</sub>.  
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(syst emic)	Chronic effects(local)	Chronic effects(syste mic)
<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>Nanobeads</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.

**End of Safety Data Sheet**

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