

Material Safety Data Sheet

SECTION 1

IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product code: **GM-Tg-hg-T59001-iso-nanoIMB**

Product Name: **SOLIDEX®-ISOEx Human CD16 Isolation Nanobeads (Column-based)**

Recommended Use: Laboratory Research Reagents

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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
Poloxamer-188 CAS: 9003-11-6 EC: 618-355-0 Index No.: /	No information available	Not classified	/
Nanobeads 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(syst emic)	Chronic effects(local)	Chronic effects(syste mic)
Polexamer-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
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 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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