

Safety Data Sheet

Human Peripheral Blood
Mononuclear Cells



Safety Data Sheet

Identification of substance and company information

Product name	: Human Peripheral Blood Mononuclear
Product number	: MATR_PBMC
Company details	: MAT Research
Email address	: info@MATresearch.com
Emergency telephone	: +31 61 466 2496
Recommended use	: Detection of pyrogens

Hazard Identification

GHS Classification	: N/A
GHS label elements	: N/A
Other hazards	: Each donor is tested and found negative for the following: <ul style="list-style-type: none">• HIV-1, HIV-2• HTLV I, HTLV II• Hepatitis B• Syphilis• Hepatitis C

Composition/ Information on ingredients

Substance/Mixture : Mixture

Hazardous components

Chemical name	CAS-No	Concentration (% w/w)
Dimethyl sulfoxide; DMSO	67-68-5	5

First Aid Measures

- If inhaled** : N/A
- In case of skin contact** : Wash with water and soap.
- In case of eye contact** : Immediately flush eye(s) with ample amounts of water.
- If swallowed** : Immediately drink large amount of water.
Do not induce vomiting without medical advice.
Contact a specialist.

Firefighting Measures

- Suitable extinguishing media** : Water spray.
Dry powder.
Foam.
- Specific hazards during firefighting** : Heating or fire can release toxic gas.
- Advice for firefighters** : Wear Self-Contained breathing apparatus in pressure demand.

Accidental release measures

- Personal precautions protective equipment and emergency processes** : Use personal protective equipment.
- Environmental precautions** : Prevent product from entering drains.
- Methods and material for cleaning and containment** : Contain spill immediately, and decontaminate using a strong solution of sodium hypochlorite.

Handling and Storage

Handle and storage according to instructions on product information sheet and label.

Exposure Controls/ Personal Protection

Control parameters:

Component	CAS-No.	Form of exposure	Permissible concentration	Basis
Dimethyl sulfoxide	67-68-5	TWA	250 ppm	WEEL

Exposure controls : Avoid splashes

Personal protective equipment

Hand protection : Wear suitable gloves.

Eye protection : Tightly fitting safety goggles.

Skin and body protection: Wear lab coat.

Hygiene measures : Handle in accordance with good hygiene and safety practice.

Physical and Chemical Properties

Appearance : Frozen aqueous solution.

No Information is available for PH, Vapor Pressure, Vapor Density, Evaporation Rate, Viscosity, Boiling Point, Freezing/Melting Point, Decomposition Temperature, Solubility, Specific Gravity/Density, or Molecular Weight.

Stability and Reactivity

Possibility of hazardous reactions : Stable under normal conditions

Stability : Stable

Toxicological Information

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Personal protective equipment

Toxicity Data : Data not available.

Effects of Long Term or Repeated Exposure : Data not available.

Chronic Exposure-Teratogen : Data not available.

Chronic Exposure-Mutagen : Data not available.

Chronic Exposure-Reproductive Hazard : Data not available.

Ecological Information

No ecological information available

Disposal Considerations

Get informed about all federal, state, and local regulations

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Transport Information

- No dangerous goods** : DOT Classification: Not a DOT controlled material (United States).
- UN number** : Not applicable.
- Proper shipping name** : Not applicable.
- Transport hazard class** : Not applicable.
- Packing group** : Not applicable.

Regulatory Information

OSHA Process Safety Standard: This material is not known to be hazardous by the OSHA Highly Hazardous Process Safety Standard, 29CFR 1910.119.

Other Information

Product should be handled at the Biological Safety Level 2 to minimize exposure of potentially infectious products.

WARNING

This product contains human source material, treat as potentially infectious. Frozen cell culture suspension contains Dimethyl sulfoxide (DMSO).

The information provided in this Safety Data Sheet is correct to the best of our knowledge.