

Safety Data Sheet

DCO00045
ART60048LBL Rev1

Section 1 – Identification

Product Identifiers

Product name(s): 1. PLUS™ MSC Qualified Human Platelet Lysate
2. GMP PLUS™ Human Platelet Lysate

Chemical family: Platelet lysate, human origin

Product number(s): PLS1, PLS2, PLSA-0500, PLSA, PLS5, PLS6, PLSC-0500, and PLSC

Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Product indicated for research use only. Not for human or animal therapeutic use. Recommended for use as a cell culture supplement for development or maintenance of human or animal cells *in vitro*.

Details of the Supplier of the safety data sheet

Supplier: Compass Biomedical
45 South Street, Suite 2
Hopkinton, MA 01748 USA

Telephone: 1-855-475-7587
Fax: 1-216-456-9641

Emergency Phone Number: 1-216-456-9654

Section 2 – Hazard(s) Identification

Classification of the substance or mixture: Not a hazardous substance or mixture.

GHS Label Elements, including precautionary statements: Not a hazardous substance or mixture.

Hazards not otherwise classified (HNOC) or not covered by GHS: None. Human Source Material. As with all blood products, handle as if capable of transmitting infectious agents, follow appropriate guidelines in accordance with good laboratory hygiene and safety protocols.

Section 3 – Composition/Information on Ingredients

CAS number: No data available.

Human Source Material. No ingredients are hazardous according to OSHA criteria.

Section 4 – First Aid Measures

Skin contact: Wash with soap and plenty of water.

Eye contact: Rinse immediately with plenty of water, for at least 15 minutes.

Ingestion: Wash out mouth with water. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice.

Inhalation: Move to fresh air. If not breathing, give artificial respiration.

Notes to physician: Treat symptomatically.

Most important symptoms and effects both acute and delayed: The most important known symptoms and effects are described in Section 2 and Section 11.

Indication of any immediate medical attention and special treatment needed: No data available.

Section 5 – Firefighting Measures

Suitable extinguishing media: Use water spray, alcohol resistant foam, carbon dioxide, or dry chemical.

Advice for firefighters: Wear self-contained breathing apparatus and protective gear.

Conditions of flammability: Not flammable or combustible.

Special hazards arising from the substance or mixture: No data available.

Section 6 – Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: Use personal protective equipment, as described in section 8.

Methods and materials for containment and cleaning up: Contain the spill immediately and decontaminate using a strong solution of sodium hypochlorite (bleach). Volume of bleach should not be less than 10% of the spill volume. Allow at least 10 minutes for neutralization.

Absorb spill using suitable absorbent materials.

Environmental precautions: No special environmental precautions required.

Reference to other sections: For disposal, see Section 13

Section 7 – Handling and Storage

Precautions for safe handling: Wear personal protective equipment. Avoid contact with skin, eyes, and clothing.

Precautions for safe storage: Keep containers tightly closed in a dry, cool, and well-ventilated place. Store at -20 °C to -86 °C.

Specific uses: Aside from the uses listed in Section 1, no other uses are stipulated.

Section 8 – Exposure Controls and personal protection

Exposure limits: No data available.

Appropriate engineering controls: General industrial hygiene practice. Mechanical exhaust, safety shower and eye wash station are recommended.

Personal Protective Equipment

Eye/Face Protection: Safety glasses or goggles with side shields.

Skin Protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and Dry hands.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Environmental exposure control: No data available.

Section 9 – Physical and Chemical properties

Appearance:	Amber liquid	Upper/lower flammability:	No data
Odor:	No data	Vapor pressure:	No data
Odor threshold:	No data	Vapor density:	No data
pH:	6.4 – 8.0	Relative density:	No data
Melting point:	No data	Freezing point:	No data
Solubility(ies):	Soluble in water	Boiling point and boiling range:	No data
Flash point:	No data	Evaporation rate:	No data
Flammability (solid/gas):	No data	Partition coefficient: n-octanol/water:	No data
Auto-ignition temperature:	No data	Decomposition temperature:	No data
Viscosity:	No data		

Section 10 – Stability and Reactivity

Reactivity:	No data	Chemical Stability:	Stable under recommended storage conditions.
Possible hazardous reaction:	No data	Substances to avoid:	None, under normal use.
Decomposition products:	None, under normal use.	Polymerization:	Hazardous polymerization does not occur.
Conditions to avoid:	No dangerous reaction known under conditions of normal use.		

Section 11 – Toxicological Information

Acute Toxicity		Symptoms of exposure:	No data
Oral LD50	No data	Serious eye damage/eye irritation	No data
Inhalation LC50	No data	Respiratory or skin sensation	No data
Dermal LD50	No data	Skin corrosion/irritation	No data
Other	No data	Target organ effect	No data
Carcinogenicity		Aspiration hazards	No data
IARC	No data	Synergistic effects	No data
ACGIH	No data		
OSHA	No data	Potential health effects	
NTP	No data	Ingestion:	May be harmful if swallowed.
Teratogenicity	No data	Eyes:	May cause eye irritation with susceptible persons.
Germ cell mutagenicity	No data	Skin:	May cause skin irritation with susceptible persons.
Reproductive toxicity	No data	Inhalation:	May be harmful by inhalation.

Section 12 – Ecological Information

Eco-toxicity effects:	No data.	Persistence and degradability:	No data.
Biodegradation:	Inherently biodegradable.	Bio-accumulation:	No data.
Mobility:	No data.	Other:	No data.

Section 13 – Disposal Considerations

Product: Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging: Dispose of as unused product.

Section 14 – Transport Information

UN number	No data	Transport hazard class(es)	No data
UN proper shipping name		Packing group	No data
DOT	Not dangerous goods	Environmental hazards	No data
ADR/RID	Not dangerous goods	Special Precautions	No data
IMDG	Not dangerous goods		
IATA	Not dangerous goods		

Section 15 – Regulatory Information

U.S. Federal Regulations

OSHA Hazards: No known OSHA hazards; **SARA 313:** This product is not regulated by SARA; **TSCA:** Not listed on TSCA Inventory

U.S. State Regulations: No components of this product can be found on any state Right to Know lists

Canadian Regulations: No components of this product can be found on Canada’s DSL or Ingredient Disclosure lists

Section 16 – Other Information

Important: While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case, shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data, and information furnished by Compass Biomedical hereunder are given gratis and Compass Biomedical assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk.

For research use only. CAUTION: Not for human or animal therapeutic use.

Revision: New SDS

End of data sheet