

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifiers

Product name: Panserin 701, Serum-free medium for Lymphocytes, w: L-Glutamine, w: PHA-L Product number: P04-710701

Brand:

PAN Biotech

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

Identified uses:

Cell culture medium, serum-free

Details of the supplier of the safety data sheet

Company	PAN Biotech GmbH
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	94501 Aidenbach
	GERMANY

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Emergency telephone number

Emergency phone:

+49-(0)8543-6016-30 or +49 151 51557123

2. HAZARDS INDENTIFICATION

The product contains no substances which at their given concentration, are considered to be hazardous to health

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product Name	CAS #	EG #	Concentration
Panserin 701	-	-	-
Ethanolamin	141-43-5	205-483-3	< 0.1%
Phosphoethanolamin	1071-23-4	-	< 0.1%
B-Mercaptoethanol	60-24-2	200-464-6	< 0.1%



4. FIRST AID MEASURES

Skin contact	Wash off immediately with plenty of water. If symptoms persist, call a physician.
Eye contact	Rinse immediately with plenty of water, also under the
	eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Ingestion	Never give anything by mouth to an unconscious person.
	If symptoms persist, call a physician.
Inhalation	Move to fresh air. If symptoms persist, call a physician.
Notes to physician	Treat symptomatically.

5. FIREFIGHTING MEASURES

Suitable extinguishing mediaDry chemical, water spray, Carbon dioxide (CO2), FoamSpecial protective equipmentWear self-contained breathing apparatus and protectivefor firefighterssuit

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Methods for cleaning up		Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Use personal protective equipment. Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal
Environmental precautions		Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
	7.	HANDLING AND STORAGE
Handling		Avoid contact with skin, eyes and clothing. Wear

HandlingAvoid contact with skin, eyes and clothing. Wear
personal protective equipment.StorageKeep in a dry, cool and well-ventilated place. Keep in
properly labelled containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures

Handle in accordance with good industrial hygiene and safety practice.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). **Skin protection**

According to Regulation [EC] No. 1907/2006 Version 1.3 Revised 09/12/2016



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. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. **Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

liquid no data available no data available no data available no data available no data available no data available
soluble

10. STABILITY AND REACTIVITY

Stability	no data available
Materials to avoid	no data available
Hazardous decomposition products	no data available
Polymerisation	no data available

11. TOXICOLOGICAL INFORMATION

Acute toxicity	no data available	
Potential Health effects		
Eyes	May cause eye irritation.	
Skin	May cause skin irritation.	
Inhalation	May be harmful if inhaled.	
Ingestion	May be harmful if swallowed.	
Specific effects		
Carcinogenic effects	IARC: No component of this product present at levels	
	greater than or equal to 0.1% is identified as probable,	



Mutagenic effects Reproductive toxicity Sensitisation

possible or confirmed human carcinogen by IARC. no data available no data available no data available

12. ECOLOGICAL INFORMATION

no data available
no data available

13. DISPOSAL CONSIDERATIONS

ProductOffer surplus and non-recyclable solutions to a licensed disposal company.Contaminated packagingDispose of as unused product

14. TRANSPORT INFORMATION

UN number ADR/RID: - UN proper shij	oping name	IMDG: -	IATA: -
ADR/RID:	Not dangerous goods	IMDG: Not dangerous goods	IATA: Not dangerous goods
Transport haza ADR/RID: -	ard class(es)	IMDG: -	IATA: -
Packaging gro ADR/RID: -	up	IMDG: -	IATA: -
Environmental	hazards		
ADR/RID: no		IMDG Marine pollutant: no	IATA: no

15. <u>REGULATORY INFORMATION</u>

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006 **Chemical Safety Assessment** no data available

16. OTHER INFORMATION

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. PAN Biotech GmbH shall not be held liable for any damage resulting from handling or from contact with the above product. See <u>www.pan-biotech.com</u> or reverse side of invoice or packing slip for additional terms and conditions of sale.