

# 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: P04-710701M  
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  
Am Gewerbepark 13  
94501 Aidenbach  
GERMANY

Telephone: +49-(0)8543-6016-30  
Fax: +49-(0)8543-6016-49  
E-mail: info@pan-biotech.de

### Emergency telephone number

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

## 2. HAZARDS IDENTIFICATION

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%
β-Mercaptoethanol	60-24-2	200-464-6	< 0.1%

#### 4. FIRST AID MEASURES

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

#### 5. FIREFIGHTING MEASURES

<b>Suitable extinguishing media</b>	Dry chemical, water spray, Carbon dioxide (CO <sub>2</sub> ), Foam
<b>Special protective equipment for firefighters</b>	Wear self-contained breathing apparatus and protective suit

#### 6. ACCIDENTAL RELEASE MEASURES

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

#### 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with skin, eyes and clothing. Wear personal protective equipment.
<b>Storage</b>	Keep in a dry, cool and well-ventilated place. Keep in properly labelled containers.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Engineering measures</b>	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**

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**

<b>Form</b>	liquid
<b>Appearance</b>	no data available
<b>Odour</b>	no data available
<b>Boiling Point/Range</b>	no data available
<b>Melting Point/Range</b>	no data available
<b>Flash Point</b>	no data available
<b>Autoignition temperature</b>	no data available
<b>Oxidising properties</b>	no data available
<b>Water solubility</b>	soluble

### **10. STABILITY AND REACTIVITY**

<b>Stability</b>	no data available
<b>Materials to avoid</b>	no data available
<b>Hazardous decomposition products</b>	no data available
<b>Polymerisation</b>	no data available

### **11. TOXICOLOGICAL INFORMATION**

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

