

# MATERIAL SAFETY DATA SHEET

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

### Product identifiers

Product name: P04-41150  
Product number: DMEM/F12 , w: stab. Glutamine, w 1,2 g/L NaHCO<sub>3</sub>  
Brand: PAN Biotech

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

Identified uses: Laboratory chemicals, Manufacture of substances

### 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

Form liquid

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

### Principle Routes of Exposure/Potential Health effects

Eyes no data available  
Skin no data available  
Inhalation no data available  
Ingestion no data available

### Specific effects

Carcinogenic effects	no data available
Mutagenic effects	no data available
Reproductive toxicity	no data available
Sensitization	no data available
<b>Target organ effects</b>	no data available
<b>HMIS</b>	
Health	0
Flammability	0
Reactivity	0

#### 4. FIRST AID MEASURES

<b>Skin contact</b>	Wash off immediately with plenty of water
<b>Eye contact</b>	Rinse thoroughly with plenty of water, also under the eyelids.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person
<b>Inhalation</b>	Move to fresh air
<b>Notes to physician</b>	Treat symptomatically

#### 5. FIREFIGHTING MEASURES

<b>Suitable extinguishing media</b>	Dry chemical
<b>Special protective equipment for firefighters</b>	Wear self-contained breathing apparatus and protective suit

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Use personal protective equipment
<b>Methods for cleaning up</b>	Soak up with inert absorbent material

#### 7. HANDLING AND STORAGE

<b>Handling</b>	No special handling advice required
<b>Storage</b>	Keep in properly labelled containers

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Occupational exposure controls</b>	
<b>Exposure limits</b>	
Engineering measures	Ensure adequate ventilation, especially in confined areas
<b>Personal protective equipment</b>	
Respiratory protection	In case of insufficient ventilation wear suitable respiratory equipment
Hand protection	Protective gloves
Eye protection	Safety glasses with side-shields

Skin and body protection	Lightweight protective clothing
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice
Environmental exposure controls	Prevent product from entering drains

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	liquid
<b>Boiling point/range</b>	°C no data available
<b>Melting point/range</b>	°C no data available
<b>Flash point</b>	°C no data available
<b>Autoignition temperature</b>	°C no data available
<b>Oxidizing properties</b>	no data available
<b>Water solubility</b>	no data available

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	stable
<b>Materials to avoid</b>	no data available
<b>Hazardous decomposition products</b>	no data available
<b>Polymerization</b>	Hazardous polymerisation does not occur

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	
<b>Principle Routes of Exposure/Potential Health effects</b>	
Eyes	no data available
Skin	no data available
Inhalation	no data available
Ingestion	no data available
<b>Specific effects</b>	
Carcinogenic effects	no data available
Mutagenic effects	no data available
Reproductive toxicity	no data available
Sensitization	no data available
<b>Target organ effects</b>	no data available

## 12. ECOLOGICAL INFORMATION

Ecotoxicity effects	no data available
Mobility	no data available
Biodegradation	inherently biodegradable
Bioaccumulation	does not bioaccumulate

### 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations

### 14. TRANSPORT INFORMATION

#### IATA

Proper shipping name	not classified as dangerous in the meaning of transport regulations
Hazard Class	no data available
Subsidiary Class	no data available
Packing group	no data available
UN-No	no data available

### 15. REGULATORY INFORMATION

#### International Inventories

##### U.S. Federal Regulations

SARA 313

This product is not regulated by SARA

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain HAPs

##### U.S. State Regulations

California Proposition 65

This product does not contain chemicals listed under Proposition 65

#### WHMIS hazard class

Non-controlled

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR

### 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 [www.pan-biotech.com](http://www.pan-biotech.com) or reverse side of invoice or packing slip for additional terms and conditions of sale.