

MATERIAL SAFETY DATA SHEET

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

Product identifiers

Product name: P04-41550
Product number: DMEM/F12 , w/o: L - Glutamine, w: 15 mM HEPES, w: 1,2 g/L NaHCO₃
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

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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
Target organ effects	no data available
HMIS	
Health	0
Flammability	0
Reactivity	0

4. FIRST AID MEASURES

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

5. FIREFIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Use personal protective equipment
Methods for cleaning up	Soak up with inert absorbent material

7. HANDLING AND STORAGE

Handling	No special handling advice required
Storage	Keep in properly labelled containers

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure controls	
Exposure limits	
Engineering measures	Ensure adequate ventilation, especially in confined areas
Personal protective equipment	
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
Hygiene measures

Lightweight protective clothing
Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls

Prevent product from entering drains

9. PHYSICAL AND CHEMICAL PROPERTIES

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

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Acute toxicity	
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
Target organ effects	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 or reverse side of invoice or packing slip for additional terms and conditions of sale.