



DATA SHEET

1.1 Trade name:

DMEM (10x) without NaHCO_3 ,
with 4.5 g/l D-glucose

Cat.No.:

F 0455

1.3 In case of emergency:

Contact your local poison emergency centre

**2. Chemical characteristics /
Ingredients**

Only for *in vitro* use, only for cell culture applications. Aqueous solution, contains salts, amino acids, vitamins, trace elements. Does not contain hazardous substances legally required for labelling. Currently nothing is known on possible hazardous nature.

CAS-No.: -

3. Possible hazard

3.1 Precautionary measures:

The general precautionary measures about the use of chemicals have to be considered. Avoid contact with skin and eyes, do not inhale (risk of aerosols). In general, not water-hazardous.

4. Emergency / First Aid:

4.1 Eye contact:

Flush eyes thoroughly with plenty of water with open lid. In case of indisposition seek medical advice.

4.2 Skin contact:

Wash skin with soap and plenty of water. In case of skin irritation, seek medical advice.

- 4.3 Ingestion:** Wash out mouth with water. In case of indisposition, call a physician.
- 4.4 Inhalation:** Fresh air, in case of indisposition seek medical advice.
- 4.5 Puncture wounds:** Wash thoroughly with soap and water. Allow to bleed freely. Call a physician.
- 4.5 Advice for the physician:** Therapy according to symptoms.

5. Precautions for fire fighting:

- 5.1 Fire extinguisher media:** No restriction
- 5.2 Thermic disintegration:** Toxic and irritating fumes can not develop

6. Precautions for unintentional release:

- 6.1 Precautions for spilling:** Absorb fluid
- 6.2 Binder:** No restriction

Special precautions to restrict damage are not necessary

7. Storage and handling:

- 7.1 Handling:** Fluid not flammable. No special restrictions
- 7.2 Storage:** To be stored at +2 - +8°C

8. Exposition of restriction and personal protective clothes

- 8.1 MAK value:** None
- 8.2 Breathing protection:** In general not necessary, only with the formation of aerosols
- 8.3 Eye protection:** Safety glasses

8.4 Hand protection:

Protective gloves – before breaks and after finishing work, hands need to be washed.

9. Physical / chemical characteristics:

9.1 Appearance:	Liquid
9.2 Colour:	Orange
9.3 Odor:	None
9.4 pH value:	1 - 3
9.5 Boiling point:	
9.6 Melting point:	
9.7 Balzing point:	
9.8 Ignition temperature:	
9.9 Explosion pressure:	
9.10 Evaporation rate:	
9.11 Density:	
9.12 Solubility in water:	

10. Stability and reactivity:

10.1 Hazardous reaction:	Not known if used as advised
10.2 Hazardous decomposition products:	None

11. Information to toxicology:

11.1 LD50 oral:	Not known
11.2 LD50:	Not known
11.3 LD50 dermal:	Not known
11.4 LD50 inhalativ:	Not known

12. Information to ecology:

12.1 Water-hazardous classification:	0 (Selfassessment)
--------------------------------------	--------------------

13. Information for disposal:

By following public authority's rules, the remnants can be flushed down the drain with plenty of water.

14. Information to transport:

14.1 GGVE/GGVS:)
14.2 ICAO/IATA-DGR:)
14.3 GGVS _{ee} /IMDG-CODE:)
14.4 RID/ADR:)
14.5 Un-No.:)
14.6 MFAG:)
14.7 EMS:)

Does not apply to the current regulations for dangerous goods (GGVS/ADR, GGVE/RID, IMDG, IATA/ICAO).

15. Regulations:

According to the EU directives, it is not necessary to declare this product as hazardous material.

16. Special note:

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose.

For *in vitro* use only.