



MATERIAL SAFETY DATA SHEET MAGNESIUM

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1. IDENTIFICATION OF PRODUCT

Product Name: Magnesium

Product Use: For invitro quantitative determination of magnesium in serum and plasma heparinate.

Reference Numbers

A2280	R2280	S2280	BY2280	EM10	M2280	L2280
A2281	R2281	S2281	BY2281	EM11	M2281	L2281
A2280B5	DM2280	T2280	HT2280	N2280	K2280	D2280
AA2280B10	RD2280	T2281	HT2281	N2281	K2281	D2281

2. COMPOSITION / INFORMATION ON INGREDIENTS

Warnings: For in vitro diagnostic use only. Do not pipette by mouth. Perform the test according to the general "Good Laboratory Practice" (GLP) guidelines.

May cause irritation to skin and eyes, may be irritating to mucous membranes and upper respiratory tract. Avoid contact with skin, inhalation and ingestion.

This product is made to be used in professional laboratories and by professional operators.

R22 : Harmful if swallowed

R36/38 : Irritating to eyes and skin.

S20/21 : When using, do not eat, drink or smoke.

S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 : After contact with skin wash immediately with plenty of water.

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

S45 : In case of accident or if you feel unwell, seek medical advice immediately.

NOTE: All blood products should be treated as potentially infectious. Source material from which this product was derived was found negative when tested in accordance with current FDA required tests. No known test methods can offer assurance that products derived from human blood will not transmit infectious agents.

3. HAZARDS IDENTIFICATION

Contains no hazardous substances in reportable quantities.

Classification: Biohazard

4. FIRST AID MEASURES

Emergency First Aid: Call an internal First Aider where available or else contact a physician immediately.

Direction for First Aider or Physician:

Inhalation: If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
Ingestion: If swallowed wash out mouth with water provided person is conscious, call a physician.
Skin contact: In case of skin contact immediately wash skin with soap and copious quantities of water.
Eye contact: Flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating eyelids with fingers. Call a physician.

5. FIRE FIGHTING MEASURES

Flash point:	NOT FLASHING MATERIAL
Flammable limits:	NOT FLAMMABLE, NOT EXPLOSIVE
Extinguishing media:	No restriction
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Unusual Fire and Explosion Hazards:	May emit toxic fumes under fire conditions
Thermal decomposition:	Not determined

6. ACCIDENTAL RELEASE MEASURES

After spillage: Use appropriate spill absorbent kit as instructed by the manufacturer. Alternatively, mop up with an absorbent material and hold for waste disposal.
 Appropriate Personal Protective Equipment should be worn, e.g. laboratory coat, gloves, safety glasses and mask.
 Ventilate area and wash spill site after material pick up is complete.

Absorbent Material: No restriction

7. HANDLING, STORAGE AND SPECIFIC USE

Handling: Wash thoroughly after handling. Do not use if skin is cut or scratched. Avoid contact with eyes, skin and clothing.
Respiratory: Under normal use, respirators are not required.
Eye protection: Safety glasses or goggles recommended.
Ventilation: Handle product in well ventilated area. Restrict handling to authorized personnel.
Skin Protection: Wear lab coat, gown or smock as appropriate.
Other Protective Equipment: Wear latex or nitrile gloves.
Storage: Store at temperatures and conditions as indicated on the product label

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

MEL/OES	Not determined
Respiratory protection:	None
Eye Protection:	Protective glasses
Hand protection:	Standard laboratory rubber or latex gloves.
Skin protection:	A laboratory coat or apron is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Colour:	Colourless
Odour:	Odourless



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pH value:	Not determined
Boiling point:	Not determined
Melting point:	Not determined
Oxidising properties:	Not determined
Ignition temperature:	Not determined
Explosion limits:	Not determined
Density:	Not determined
Solubility in water:	Soluble

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	Not determined
Substances to avoid:	Strong oxidising agents, also acids
Hazardous decomposition products:	Not determined
Incompatibility with other substances:	Not determined

11. TOXICOLOGICAL INFORMATION

LD50 oral	Not determined
LD50 intraperitoneal	Not determined
LD50 skin	Not determined
LD50 inhalation	Sodium chloride: >42 g/m ³ LC50 Rat 1h

12. ECOLOGICAL INFORMATION

Water hazard class: Data not yet available
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13. DISPOSAL CONSIDERATIONS

Each disposal facility must determine proper disposal methods of the substance or preparation and any contaminated packaging to comply with Local and National Environmental Regulations.

S56 : Dispose of this material and its container at hazardous or special waste collection point.

S57 : Use appropriate container to avoid environmental contamination.

S61 : Avoid release in environment. Refer to special instructions/safety data sheets.

Please consult local regulations for a correct waste disposal.

14. TRANSPORT INFORMATION

This product is not subject to current regulations for transportation of hazardous goods.

DOT
Not regulated as a hazardous material by DOT.

IATA
Not regulated as dangerous goods.

IMDG
Not regulated as dangerous goods.

TDG
Not regulated as dangerous goods.

15. REGULATORY INFORMATION

Material Safety Data Sheet was prepared in accordance with:



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The EC Directive Nr UE2001/58/WE, the EC Directive Nr 1999/45/EG, the EC Directive 67/548 EEC, EC

Directive 88/379/EEC or the EC Directive 91/155/EEC (Dangerous Product Regulations incl. EC Guidelines).

See Turkish regulations.

16. OTHER INFORMATION

The information herein is believed to be correct as of the date hereof but is provided without warranty of any kind. The recipient of our products is responsible for observing any National laws and guidelines applicable.