

### 1. IDENTIFICATION OF PRODUCT AND SUPPLIER

**Product name:** Pointe Magnesium-XB (CATALOG No. HM929, HM729, HM429, OM929)

**Product Use:** For the quantitative determination of Magnesium concentration in serum.

**Supplier:** MedTest Dx: Pointe Brand  
5449 Research Drive  
Canton, Michigan 48188  
Ph: 1-734-487-8300  
Fax: 1-734-483-1592  
Email: [info@medtestdx.com](mailto:info@medtestdx.com)

**Emergency:** Tel. 1-800-445-9853

### 2. HAZARD(S) IDENTIFICATION

R1:

Hazard Classifications:

Skin corrosion/irritation (Category 2)  
Serious eye damage/eye irritation (Category 2)  
Specific target organ toxicity, single exposure; Respiratory tract irritation (Category 3)

Hazard Statements

H315: Causes skin irritation  
H319: Causes serious eye irritation  
H335: May cause respiratory irritation

Precautionary Statements

**Prevention:**

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.  
P264 Wash skin thoroughly after handling.  
P271 Use only in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
P362 Take off contaminated clothing and wash before reuse.  
P302 + P352 IF ON SKIN: wash with plenty of soap and water.  
P304 + P340 IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.  
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P332 + P313 IF SKIN irritation occurs: Get medical advice/attention.  
P337 + P313 IF eye irritation persists: Get medical advice/attention.

**Storage:**

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

**Disposal:**

P501: Dispose of contents into sewer system after diluting with large volumes of water, if in accordance with local regulations.



Signal Word: Warning

R2:

Hazard Classifications:

Skin corrosion/irritation (Category 2)  
Serious eye damage/eye irritation (Category 2)

Hazard Statements

H315: Causes skin irritation  
H319: Causes serious eye irritation

Precautionary Statements

**Prevention:**

P264 Wash skin thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

P362 Take off contaminated clothing and wash before reuse.  
P302 + P352 IF ON SKIN: wash with plenty of soap and water.



Signal Word: Warning

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P332 + P313 IF SKIN irritation occurs: Get medical advice/attention.  
 P337 + P313 IF eye irritation persists: Get medical advice/attention.

**Storage:**  
None

**Disposal:**  
None

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**R1:** 1,6-Diaminohexane (CAS # 124-09-4) 2.50%  
 Potassium Cyanide (CAS # 151-50-8) 0.04%

**R2:** DMSO (CAS # 67-68-5) 20%  
 Xylidyl Blue (CAS # 14936-97-1) 0.01%

### 4. FIRST AID MEASURES

**SKIN:** In case of contact, immediately flush area with plenty of water.  
**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.  
**ORAL:** If ingested drink plenty of fluids and contact a physician.  
**INHALATION:** If inhaled move victim to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen, and call physician.

### 5. FIRE-FIGHTING MEASURES

**Flammable:** NO  
**Extinguishing media:** As appropriate for fire in surrounding materials.  
**Flash point:** Not Applicable  
**Upper flammable limit:** Not Applicable  
**Lower flammable limit:** Not Applicable  
**Autoignition temperature:** Not Applicable  
**Hazardous combustion products:** No data

**Explosion data**  
**Sensitivity to mechanical impact:** Not Applicable  
**Sensitivity to static discharge:** Not Applicable  
**Unusual fire and explosion hazards:** No Data

### 6. ACCIDENTAL RELEASE MEASURES

**Local exhaust:** Not Required  
**Protective clothing:** Lab Coat  
**Protective gloves:** Rubber/Latex  
**Eye protection:** Safety glasses  
**Respiratory protection:** Required for R1 if inadequate ventilation.  
**Leak and spill procedure:** Absorb small leaks or spills with sponge, mop up large spills with plenty of soap and water.

### 7. HANDLING AND STORAGE

**Handling:** Normal precautions for handling chemicals must be observed.  
**Storage:** Store at room temperature.  
**Shipping regulations:** Not regulated

### 8. EXPOSURE CONTROLS / PERSONNEL PROTECTION

**Local exhaust:** Not Required  
**Protective clothing:** Lab Coat  
**Protective gloves:** Rubber/Latex  
**Eye protection:** Safety glasses  
**Respiratory protection:** Required for R1 if inadequate ventilation.

**Other precautions:** Avoid contact and inhalation, do not get in eyes, on skin or clothing. Do not pipet by mouth. Wash contaminated clothing before reuse.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Reagent is provided as a two part liquid.
<b>Appearance and odor:</b>	R1 is clear and colorless. R2 is clear and red to ruby in color.
<b>Odor threshold:</b>	Slight odor
<b>Vapor pressure:</b>	Not Available
<b>Vapor density:</b>	Not Available
<b>Specific gravity:</b>	Not Available
<b>Evaporation rate:</b>	Not Available
<b>Melting point:</b>	Not Available
<b>Boiling point:</b>	Not Available
<b>Solubility in water:</b>	Not Applicable
<b>pH:</b>	Reagent = R1: 11.0 R2: 6.5
<b>Coefficient of oil/water distribution:</b>	Not Available

### 10. STABILITY AND REACTIVITY

<b>Stable:</b>	Yes
<b>Hazardous polymerization:</b>	Will not occur.
<b>Incompatibility with other substances:</b>	R1: Avoid contacts with acids.
<b>Hazardous decomposition products:</b>	R1: Decomposition with acid to liberate cyanide gas.

### 11. TOXICOLOGICAL INFORMATION

#### ROUTE OF ENTRY/EXPOSURE

SKIN CONTACT: [x] EYE CONTACT: [x] INHALATION: [x] INGESTION: [x] SKIN ABSORPTION [x]

#### Effects of acute exposure:

<b>SKIN CONTACT:</b>	May cause irritation.
<b>EYE CONTACT:</b>	May cause irritation.
<b>INGESTION:</b>	May be harmful if ingested.
<b>INHALATION:</b>	May cause irritation to mucous membranes and upper respiratory tract.

**Effects of chronic exposure:** No data available.

<b>SENSITIZATION TO PRODUCT:</b>	Not Available
<b>SYNERGISTIC PRODUCTS:</b>	Not Available
<b>LD50: MOPSO:</b>	Not Available

### 12. ECOLOGICAL INFORMATION

**Water Hazard Class:** Data not yet available.

### 13. DISPOSAL CONSIDERATIONS

**Waste disposal:** Dilute with large volumes of water and dispose of into sewer system, if in accordance with local regulations.

### 14. TRANSPORT INFORMATION

**Shipping information:** Not regulated

### 15. REGULATORY INFORMATION

Not applicable.

### 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 laws and guidelines applicable.

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