

### 1. IDENTIFICATION OF PRODUCT AND SUPPLIER

**Product name:** Pointe Acid Phosphatase (CATALOG No. A7503)

**Product Use:** For quantitative determination of Acid Phosphatase 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

#### Reagent:

##### Hazard Classifications:

Skin Corrosion/Irritation (Category 3)  
Eye Damage/Irritation (Category 2)  
Specific Target Organ Toxicity, Single Exposure; Respiratory System (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/vapor/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  
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

#### Tartrate:

##### Hazard Classifications:

Not a hazardous substance or mixture.

##### Pictogram:

Not required.

##### Signal Word:

Not required.

##### Hazard Statements

Not a hazardous substance or mixture.

##### Precautionary Statements

Not a hazardous substance or mixture.

#### Buffer:

##### Hazard Classifications:

Skin Corrosion/Irritation (Category 2)  
Eye Damage/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 use  
P302 + P352: IF ON SKIN: wash with plenty of soap and water.  
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



**Signal Word: Warning**

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Reagent:** Citric Acid (CAS # 77-92-9) 17.05%  
α-naphthylphosphate (CAS # 1136-89-6) 3.51%

**Tartrate:** Citric Acid (CAS # 77-92-9) 2.82%

**Buffer:** Acetic Acid (CAS # 64-19-7) 14.80%

### 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:** None normally required.  
**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 between 2-8 °C  
**Shipping regulations:** Not regulated

### 8. EXPOSURE CONTROLS / PERSONNEL PROTECTION

<b>Local exhaust:</b>	Not Required
<b>Protective clothing:</b>	Lab Coat
<b>Protective gloves:</b>	Rubber/Latex
<b>Eye protection:</b>	Safety glasses
<b>Respiratory protection:</b>	None normally required.
<b>Other precautions:</b>	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 and L-tartrate is provided as a Dry Powder. Acetate Buffer is provided as a liquid.
<b>Appearance and odor:</b>	Reagent is slight pink to white powder, tartrate is a white powder, and acetate buffer is a clear, colorless liquid.
<b>Odor threshold:</b>	Distinctive 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>	Soluble
<b>pH:</b>	Reagent = 5.30
<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>	Not Available
<b>Hazardous decomposition products:</b>	Not Available

### 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, 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.