

1. IDENTIFICATION OF PRODUCT AND SUPPLIER

Product name: Pointe Alkaline Phosphatase (CATALOG No. A7516, HA716, HA416, HA916, OA916)

Product Use: For quantitative determination of Alkaline 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

Emergency: Tel. 1-800-445-9853

2. HAZARD(S) IDENTIFICATION

R1:

Hazard Classifications:

Skin Corrosion/Irritation (Category 1)
Eye Damage/Irritation (Category 2)
Respiratory Sensitizer (Category 1)
Specific Target Organ Toxicity, Single Exposure; Respiratory System (Category 1)
Specific Target Organ Toxicity, Repeat Exposure; Respiratory System and Teeth (Category 1)

Hazard Statements

H314: Causes severe skin burns and eye damage
H319: Causes serious eye irritation
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled
H370: Causes damage to organs
H372: Causes damage to organs through prolonged or repeated exposure

Precautionary Statements

Prevention:

P260: Do not breathe dust/fume/gas/mist/vapor/spray
P264: Wash skin thoroughly after handling
P270: Do not eat, drink or smoke when using this product
P280: Wear protective gloves/protective clothing/eye protection/face protection
P285: In case of inadequate ventilation wear respiratory protection

Response:

P310: Immediately call a POISON CENTER or doctor/physician
P314: Get medical advice/attention if you feel unwell
P363: Wash contaminated clothing before reuse.
P301 + P330 + P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with water/shower
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.
P337 + P313: IF eye irritation persists: Get medical advice/attention

Storage:

P404: Store in a closed container.

Disposal:

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



Signal Word: Danger

R2:

Hazard Classifications:

Skin Corrosion/Irritation (Category 2)
Eye Damage/Irritation (Category 2)
Specific Target Organ Toxicity, Single Exposure; Liver, Kidney, Central Nervous System, Eyes (Category 2)
Specific Target Organ Toxicity, Repeated Exposure; Liver, Kidney, Central Nervous System (Category 2)
Reproductive Toxicity (Category 2)
Germ Cell Mutagenicity (Category 2)
Carcinogenicity (Category 2)

Hazard Statements

H315: Causes skin irritation
 H319: Causes serious eye irritation
 H341: Suspected of causing genetic defects
 H351: Suspected of causing cancer
 H361: Suspected of damaging fertility or the unborn child
 H371: May cause damage to organs
 H373: Causes damage to organs through prolonged or repeated exposure



Signal Word: Warning

Precautionary Statements

Prevention:

P202: Do not handle until all safety precautions have been read and understood
 P260: Do not breathe dust/fume/gas/mist/vapors/spray
 P264: Wash skin thoroughly after handling
 P270: Do not eat, drink or smoke when using this product
 P280: Wear protective gloves/protective clothing/eye protection/face protection

Response:

P314: Get medical advice/attention if you feel unwell
 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.
 P309 + P311: IF exposed or if you feel unwell: call a POISON CENTER or doctor/physician
 P332 + P313: IF SKIN irritation occurs: Get medical advice/attention
 P337 + P313: IF eye irritation persists: Get medical advice/attention

Storage:

P404: Store in a closed container.

Disposal:

P501: Dispose of contents to an approved waste disposal plant.

3. COMPOSITION / INFORMATION ON INGREDIENTS

R1: Hydrochloric Acid (CAS # 7647-01-0) 1.45%
 Zinc Sulfate (CAS # 7446-20-0) 0.035%

R2: Chloramphenicol (CAS # 56-75-7) 0.06%
 Methanol (CAS # 67-56-1) 0.20%
 Phenol (CAS # 108-95-2) 1.00%

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 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 between 2-8 °C
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 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

Physical state: Provided in a two part liquid.
Appearance and odor: R1 reagent is clear and colorless. R2 reagent is slight yellow in color.
Odor threshold: Not Available
Vapor pressure: Not Available
Vapor density: Not Available
Specific gravity: Not Available
Evaporation rate: Not Available
Melting point: Not Available
Boiling point: Not Available
Solubility in water: Not Applicable
pH: Combined Reagent = 10.45
Coefficient of oil/water distribution: Not Available

10. STABILITY AND REACTIVITY

Stable: Yes
Hazardous polymerization: Will not occur.
Incompatibility with other substances: Caution, R2 contains Sodium Azides, in contact with heavy metals, may form explosive metal azides.
Hazardous decomposition products: 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:

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

Effects of chronic exposure: No data available.

SENSITIZATION TO PRODUCT: Not Available
SYNERGISTIC PRODUCTS: Not Available
LD50: MOPSO: Not Available

12. ECOLOGICAL INFORMATION

Water Hazard Class: Data not yet available.

13. DISPOSAL CONSIDERATIONS

Waste disposal:
R1: Dilute with large volumes of water and dispose of into sewer system, in accordance with local regulations.
R2: Dispose of contents to an approved waste disposal plant.

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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