

### 1. IDENTIFICATION OF PRODUCT AND SUPPLIER

**Product name:** Pointe BUN Colorimetric (CATALOG No. B7551)

**Product Use:** For the quantitative colorimetric determination of urea nitrogen 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

**Enzyme Reagent:**

Hazard Classifications:

Acute Toxicity, Oral (Category 4)  
Skin Corrosion/Irritation (Category 2)  
Serious Eye Damage/Irritation (Category 2B)

Hazard Statements

H302: Harmful if swallowed  
H315: Causes skin irritation  
H320: Causes eye irritation

Precautionary Statements

**Prevention:**

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:**

P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
P330 Rinse mouth.  
P362 Take off contaminated clothing and wash before reuse.  
P301 + P312 IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.  
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:**

N/A

**Disposal:**

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



Signal Word: Warning

**Color Reagent:**

Hazard Classifications:

Acute Toxicity, Oral (Category 4)

Hazard Statements

H302: Harmful if swallowed

Precautionary Statements

**Prevention:**

P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.

**Response:**

P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
P330 Rinse mouth.  
P301 + P312 IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.

**Storage:**

N/A

**Disposal:**



Signal Word: Warning

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

**Base Reagent:**

Hazard Classifications:

Corrosive to Metals (Category 1)  
 Skin Corrosion/Irritation (Category 2)  
 Serious Eye Damage/Irritation (Category 2B)



**Signal Word:** Warning

Hazard Statements

H290: May be corrosive to metals  
 H315: Causes skin irritation  
 H320: Causes eye irritation

Precautionary Statements

**Prevention:**

P234 Keep only in original container.  
 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:**

P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
 P362 Take off contaminated clothing and wash before reuse.  
 P390 Absorb spillage to prevent material damage.  
 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:**

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.

**Color Standard:**

Hazard Classifications:

Acute Toxicity, Oral (Category 4)  
 Skin Corrosion/Irritation (Category 2)  
 Serious Eye Damage/Irritation (Category 2B)



**Signal Word:** Warning

Hazard Statements

H302: Harmful if swallowed  
 H315: Causes skin irritation  
 H320: Causes eye irritation

Precautionary Statements

**Prevention:**

P264 Wash hands thoroughly after handling.  
 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:**

P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
 P330 Rinse mouth.  
 P362 Take off contaminated clothing and wash before reuse.  
 P301 + P312 IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.  
 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:**

N/A

**Disposal:**

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

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

**Enzyme Reagent:** Urease (CAS # 9002-13-5) 0.01%  
**Color Reagent:** Sodium salicylate (CAS # 54-21-7) 0.02%  
 Sodium nitroferricyanide (CAS # 13601-19-9) 0.01%  
**Base Reagent:** Sodium Hydroxide (CAS # 1310-73-2) 0.5%  
**Urea N Standard:** Urea (CAS # 57-13-6) 0.025%

#### 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°C and +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:** None normally required.  
**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:** Reagent is provided in a four part liquid form.  
**Appearance and odor:** Color reagent is light yellow. Base and standard are colorless. Enzyme is colorless and viscous.  
**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: Soluble  
pH: Reagent = Not Available  
Coefficient of oil/water distribution: Not Available

### 10. STABILITY AND REACTIVITY

Stable: Yes  
Hazardous polymerization: Will not occur  
Incompatibility with other substances: Not Available  
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: 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.

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