POINTE SCIENTIFIC
A MEDTEST COMPANY

SAFETY DATA SHEET

1. IDENTIFICATION OF PRODUCT AND SUPPLIER

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

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

Supplier:
POINTE SCIENTIFIC INC.
5449 Research Drive
Canton, Michigan 48188
Ph: 1-734-487-8300
Fax: 1-734-483-1592
Email: info@pointescientific.com

Emergency: **Pointe Scientific, Inc. 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)



Signal Word: Warning

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.

Color Reagent:

Hazard Classifications:
- Acute Toxicity, Oral (Category 4)



Signal Word: Warning

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

Base Reagent:



Signal Word: Warning

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

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:



Signal Word: Warning

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 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.

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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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