POINTE SCIENTIFIC
A MEDTEST COMPANY

SAFETY DATA SHEET

1. IDENTIFICATION

Product name: **Amylase CNPG3 (CATALOG No. A7564)**

Product Use: **For the quantitative kinetic determination of α-amylase activity in human serum.**

Supplier:
POINTE SCIENTIFIC INC.
5449 Research Drive
Canton, Michigan 48188
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Emergency: **Pointe Scientific, Inc. Tel. 1-800-445-9853**

2. HAZARD(S) IDENTIFICATION

Hazard Classifications:
Hazardous to the aquatic environment, long-term hazard, Category 4



Signal Word: Warning

Hazard Statements
H413: May cause long lasting harmful effects to aquatic life.

Precautionary Statements
Prevention:
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection.

Response:
P391: Collect spillage. Hazardous to the aquatic environment.

Storage:
P404: Store in a closed container.

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

MES Buffer 2.26% CAS # 71119-23-8
2-Chloro-p-Nitrophenyl-α-D-maltotrioside 0.12% CAS # 118291-90-0
Sodium Chloride 2.05% CAS # 7647-14-5
Calcium Acetate 0.11% CAS # 5743-26-0
Potassium Thiocyanate 8.75% CAS # 333-20-0
Sodium Azide 0.10% CAS # 26628-22-8

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
Auto ignition 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: Collect spillage and dispose of to a waste disposal plant. Prevent entry into water system.

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 / PERSONAL 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 as liquid.
Appearance and odor: Reagent is clear and colorless to slight green in bulk product.
Odor threshold: Odorless
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: Reagent = 6.15
Coefficient of oil/water distribution: Not Available

10. STABILITY AND REACTIVITY

Stable: Yes
Hazardous polymerization: Will not occur.
Incompatibility with other substances: Caution, contains Sodium Azides, in contact with heavy metals, may form explosive metal azides. Contact with strong acids can liberate cyanide gas.
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: Hazardous to the aquatic environment, long-term hazard, Category 4

13. DISPOSAL CONSIDERATIONS

Waste disposal: Dispose of reagent to a 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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