

1. IDENTIFICATION OF PRODUCT AND SUPPLIER

Product name: Chemistry Calibrator (CATALOG No. C7506)
Product Use: For use as a calibrator of Pointe Scientific Inc. clinical chemistry assays.
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

Hazard Classifications:
Does not meet EU, OSHA or WHMIS criteria for hazardous materials.

Pictogram:
Not required.

Signal Word:
Not required.

Hazard Statements
Not a hazardous substance or mixture.

Precautionary Statements
Not a hazardous substance or mixture.

Other Applicable Classifications:
Potential Biohazard- Contains material that may be of human origin and should be considered potentially infectious. Use universal precautions when handling.



Principle routes of exposure: Ingestion, inhalation, skin and/or eye contact

Effects of acute exposure:
SKIN CONTACT: Substance may cause slight skin irritation.
EYE CONTACT: May cause irritation.
INGESTION: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
INHALATION: May cause irritation of respiratory tract.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Calibrator:
Human/Bovine Serum 99%-100%
Sodium Azide (CAS # 26628-22-8) < 0.1%

Diluent:
Sodium Azide (CAS # 26628-22-8) 0.001%

4. FIRST AID MEASURES

SKIN: Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call physician.
EYES: Rinse immediately with plenty of water, also under the eyelids for 15 minutes
ORAL: Call a physician. Do not induce vomiting without medical advice.
INHALATION: Consult a physician. Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
PROTECTION OF FIRST-AIDERS: Wear suitable gloves and eye/face protection

5. FIRE-FIGHTING MEASURES

Extinguishing media: Use any extinguishing media which is suitable for the surrounding fire.
Protective Equipment to Firefighters: In the event of fire, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear suitable gloves and eye/face protection. Use universal precautions (gloves, goggles, and face shields) during clean up procedures.
Environmental Precautions: Contain spill to prevent migration. Waste disposal must be in accordance with appropriate US Federal, State and International regulations
Spill and Leak Precautions: As a precautionary measure, treat spilled material with a 1:10 bleach/water solution. Clean contaminated surface thoroughly. Absorb liquid and place in container suitable for disposal. Comply with applicable waste disposal regulations.

7. HANDLING AND STORAGE

Handling: Protect from contamination. Wear personal protective equipment. For human source material, handle as if contains infectious material.
Storage: Store between 2-8 °C. Keep containers dry and lightly closed to avoid moisture absorption and contamination. Keep away from sources of ignition.

8. EXPOSURE CONTROLS / PERSONNEL PROTECTION

Engineering controls: Ensure adequate ventilation.
Respiratory protection: Respiratory protection is not required under normal use of this product. If respiratory protection is needed, follow the OSHA regulation, 29CFR1910.134. Always use a NIOSH approved respirator when necessary.
Protective gloves: Wear appropriate protective gloves to prevent skin contact. Replace torn or punctured gloves promptly.
Protective clothing: Wear appropriate body protection to prevent body contact.
Eye protection: Wear appropriate eye protection to prevent eye contact.
Hygiene Measures: When using, do not eat, drink or smoke. Keep away from food and drink. Keep away from tobacco products. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice for diagnostics.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Freeze-dried powder
Appearance and odor: Not Available
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: Neutral
Coefficient of oil/water distribution: Not Available

10. STABILITY AND REACTIVITY

Stable: Stable under recommended storage conditions.
Conditions to avoid: Keep away from heat and sources of ignition.
Hazardous polymerization: Not Available
Incompatibility with other substances: Caution, Contains Sodium Azide, in contact with heavy metals, may form explosive metal azides
Hazardous decomposition products: Thermal decomposition can lead to release of irritating gases and vapors.

11. TOXICOLOGICAL INFORMATION

Toxicity Data for Hazardous ingredients: Not Applicable
Route of Entry/Exposure: The most likely routes of exposure are skin and eye contact and inhalation. Material may be absorbed through the skin if skin is raw or damaged. This product may contain materials of human origin and should be considered as potentially capable of transmitting infectious diseases.
Effects of acute exposure: **SKIN CONTACT:** Substance may cause slight skin irritation.
EYE CONTACT: May cause irritation.

11. TOXICOLOGICAL INFORMATION (Continued)

Potential Effects of Chronic Exposure:	INGESTION: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Symptoms of Overexposure:	INHALATION: May cause irritation of respiratory tract.
Carcinogenicity:	No data available
Other Effects:	No specific symptoms identified.
Conditions aggravated by Exposure:	No ingredients in this product are listed as carcinogens by ACGIH, IARC, NTP, OSHA or 67/548/EEC Annex I
	None identified.
	None identified.

12. ECOLOGICAL INFORMATION

Bio-accumulation:	No data available
Aquatic toxicity:	Sodium Azide: LC50 daphnia pulex 4.2 mg/L/96 hr; LC50 rainbow trout 0.8-1.6 mg/L/96 hr
Eco-toxicity effects:	This product has no known ecological effects

13. DISPOSAL CONSIDERATIONS

Waste disposal: Dispose of waste product, unused product and contaminated packaging in compliance with federal, state and local regulations. If unsure of the applicable requirements, contact the authorities for information.

14. TRANSPORT INFORMATION

Transportation of this product is not regulated under ICAO, IATA, US DOT, European ADR or Canadian TDG

15. REGULATORY INFORMATION

U.S. CERCLA/SARA/TSCA Regulatory Information:	This product does not contain any chemicals currently listed on the Section 302/312, SARA Title III above the OSHA de minimis concentration.
U.S. Clean Water Act (CWA)/California Proposition 65:	This product does not contain any chemicals currently listed with a CERCLA RQ above the OSHA de minimis concentration. This product does not contain trace amount of the substances known to the State of California to cause cancer and/or reproductive harm.

16. OTHER INFORMATION

Restrictions on use: This product is not for human consumption. In vitro diagnostic use only.

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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