

1. IDENTIFICATION OF PRODUCT AND SUPPLIER

Product name: Chemistry Controls (CATALOG No. C7590/C7591-50,C7592-100)

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

2. CHEMICAL CHARACTERIZATION / INFORMATION ON INGREDIENTS

Human serum, tested and found negative for HbsAg, HIV Ab and HLTV-III antibody. Sodium Azide <0.1%, CAS # 26628-22-8.

3. HAZARDS IDENTIFICATION

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 cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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

4. FIRST AID MEASURES

SKIN: In case of contact, immediately flush area with plenty of water for 15 minutes.

EYES: Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.

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.

5. FIRE-FIGHTING MEASURES

Flammable: NO

Extinguishing media: Use dry chemical, CO₂, water spray or alcohol foam. In the event of a fire, wear self-contained breathing apparatus.

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: Use universal precautions (gloves, goggles and face shields) during clean up.

Protective gloves: Rubber/Latex

Eye protection: Safety glasses

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. Exercise same precautions used in handling human blood.

Respiratory protection: None normally required.

Leak and spill procedure: Contain spill to prevent migration. Absorb small leaks or spills with sponge, mop up large spills with plenty of soap and water. As a precautionary measure, treat spilled material with a 1:10 bleach/water solution. Absorb liquid and place in container suitable for disposal. Avoid generation of aerosols during clean up. Comply with applicable waste disposal regulations.

7. HANDLING AND STORAGE

Handling: Handle as if capable of transmitting infectious agents and use universal precautions when handling.
Storage: Store between +2°C and +8°C. Keep tightly closed to avoid moisture absorption and contamination.
Shipping regulations: Not regulated

8. EXPOSURE CONTROLS / PERSONNEL PROTECTION

See 6.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Chemistry Controls are provide as lyophilized serum.
Appearance and odor: Controls are light yellow lyophilized serum.
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: Neutral
Coefficient of oil/water distribution: Not Available

10. STABILITY AND REACTIVITY

Stable: Yes, stable under recommended storage conditions.
Hazardous polymerization: Will not occur.
Incompatibility with other substances: Caution, contains Sodium Azides, in contact with heavy metals, may form explosive metal azides. Incompatible with strong acids and bases and other strong oxidizing agents.
Hazardous decomposition products: Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION

Toxicity data for hazardous Ingredients: Sodium Azide
LD50/LC/50,
20mg/kg Dermal Rabbit
27 mg/kg Oral Mouse
27 mg/kg Oral Rat
ACGIH STEL: 0.11ppm Ceiling

Primary Routes of Exposure: The most likely routes of exposure are skin and eye contact and inhalation.
Material may be absorbed through the skin is skin is raw or damaged.

Potential effects of Acute Exposure: This product contains materials of human origin and should be considered as potentially capable of transmitting infectious diseases.

Potential effects of Chronic Exposure: Similar to those of acute exposure.

Carcinogenicity: No ingredients in this product are listed as carcinogens by ACGIH, IARC, NTP, OSHA or 37/548/EEC Annex I

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.
Aquatic toxicity: Sodium Azide: LC50 daphnia pulex 4.2 mg/L/96hr; LC50 rainbow trout 0.8-1.6 mg/L/96 hr.

14. TRANSPORT INFORMATION

Shipping information: Not regulated

15. REGULATORY INFORMATION

U.S Federal Regulations:

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.

This product does not contain any chemical currently listed with a CERCLA RQ above the OSHA de minimis concentration.

U.S Clean Water Act (CWA)/

California Proposition 65

This product contains trace amounts of the following substances known to the state of California to cause Cancer and / or reproductive harm. NONE

European/International

Regulations:

European Labeling in accordance with EC directives

Hazard symbols: None

Risk Phrases:

Safety Phrases:

S 24/25. Avoid contact with eyes.

WGK (Water danger protection)

CAS#1405-41-0-1

Canada-DSL/NDSL

None of the chemicals in this product are listed on the DSL or NDSL list.

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.

Document number: MSDS-C7592

Rev. 5/13