

hCG Control Set, Serum

| Section 1 Identification | |
|---------------------------------|---|
| Product name | hCG Control Set, Serum |
| Catalog number | HCG-POC |
| Recommended use | Qualitative human serum controls for hCG testing |
| Manufactured for | Polymedco, Inc. 510 Furnace Dock Road Cortlandt Manor, NY 10567 www.polymedco.com |
| Emergency number | (800) 431-2123 or (914) 739-5400 |

| Section 2 Hazards Identification | |
|---|---|
| Hazard classification | Does not present any particular physical, health, or environmental hazard at the concentrations present. |
| Signal word | Not applicable |
| Pictogram | Not applicable |
| Hazard statements | Not applicable |
| Precautionary statements | Not applicable |
| Any hazards not otherwise classified | This product is derived from human source material that has been tested for HBsAg and antibodies to HIV. No test can offer complete assurance that infectious agents are absent, so handle this product as potentially biohazardous material. |

| Section 3 Composition and Information on Ingredients | | |
|---|---------------------------------------|----------------|
| Chemical characterization | Contains sodium azide and human serum | |
| Chemical name | Sodium Azide | Human Serum |
| Synonyms | Azium | Not applicable |
| CAS number | 26628-22-8 | Not applicable |
| Concentration | <0.1% | Not applicable |

| Section 4 First Aid Measures | |
|-------------------------------------|---|
| IF IN EYES: | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice / attention. |
| IF ON SKIN: | Wash with plenty of soap and water. If skin irritation occurs: Get medical advice / attention. |
| IF SWALLOWED: | Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor / physician if you feel unwell. |
| IF INHALED: | If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor / physician. |

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| Section 5 Fire-Fighting Measures | |
|---|--|
| Flash point | Not applicable |
| Flammable limits | Not applicable |
| Auto-ignition temperature | Not applicable |
| Extinguishing media | Use extinguishing media suitable for surrounding fire |
| Special fire and explosion hazards | No special hazards determined |
| Hazardous combustion products | No special hazards determined |
| Protective equipment for firefighters | Self-contained breathing apparatus is recommended for firefighters |

| Section 6 Accident Release Measures | |
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| Personal precautions | Wear protective clothing, gloves, and eye protection. |
| Emergency procedures | No special emergency procedures necessary. |
| Containment procedures | Contain spill to prevent migration. |
| Cleanup procedures | Use suitable absorbent material to soak up spill. Decontaminate spill area with bleach or other suitable disinfectant. |

| Section 7 Handling and Storage | |
|---------------------------------------|---|
| Handling and storage | Avoid inhaling, swallowing, and contact with eyes and skin. |
| Recommended storage conditions | 2 - 8°C |
| Incompatibilities | Not determined |

| Section 8 Exposure Controls and Personal Protection | |
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| Exposure limits: | |
| OSHA | Not determined |
| ACGIH | Sodium azide: 0.29 mg/m ³ |
| Engineering controls | Normal room ventilation |
| Respiratory protection | Normal room ventilation |
| Eye protection | Safety glasses should be worn to prevent eye contact. |
| Skin protection | Appropriate gloves and clothing should be worn to prevent skin contact. |

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| Section 9 Physical and Chemical Properties | | |
|---|-----------------------------|-----------------------------|
| | Positive Control | Negative Control |
| Appearance | Clear to light tan solution | Clear to light tan solution |
| Odor | Odorless | Odorless |
| Odor threshold | Not determined | Not determined |
| pH | 7.0 – 9.0 | 7.0 – 9.0 |
| Melting point / Freezing point | Approx. 0°C | Approx. 0°C |
| Initial boiling point and boiling range | Approx. 100°C | Approx. 100°C |
| Flash point | Not applicable | Not applicable |
| Evaporation rate | Not determined | Not determined |
| Flammability (solid, gas) | Not applicable | Not applicable |
| Upper/lower flammability or explosive limits | Not applicable | Not applicable |
| Vapor pressure | Not determined | Not determined |
| Vapor density | Not determined | Not determined |
| Relative density | Not determined | Not determined |
| Solubility | Soluble in water | Soluble in water |
| Partition coefficient | Not determined | Not determined |
| Auto-ignition temperature | Not determined | Not determined |
| Decomposition temperature | Not determined | Not determined |
| Viscosity | Not determined | Not determined |

| Section 10 Stability and Reactivity | |
|--|--|
| Stability | Stable under normal ambient temperature and pressure. |
| Stabilizers needed | Not applicable |
| Safety issues with change in physical appearance | None identified |
| Hazardous reactions | Sodium azide may form explosive azides in contact with strong acids or metals over time. |
| Hazardous polymerization | Will not polymerize |
| Incompatibilities | Strong acids; metals |
| Hazard decomposition products | Not determined |
| Conditions to avoid | Avoid contact with strong acids. Do not dispose of product into drains. |

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| Section 11 Toxicological Information | |
|--|---|
| Information on likely routes and effects of exposure (short term / long term effects): | |
| Inhalation | May cause irritation of the respiratory tract |
| Ingestion | May cause irritation of the mouth, throat, and gastrointestinal system. |
| Skin contact | May cause irritation of the skin |
| Eye contact | May cause irritation of the eyes |
| Toxicity (LD50/LC50) | Oral LD50 for sodium azide: Rabbit: 10 mg/kg, Rat: 27 mg/kg |
| Sensitization | Not available |
| Carcinogenicity | Not available |
| Reproductive Toxicity | Not available |
| Teratogenicity | Not available |
| Mutagenicity | Sodium Azide: Positive |

| Section 12 Ecological Information | |
|--|----------------|
| Ecotoxicity | Not determined |
| Persistence / degradability | Not determined |
| Bioaccumulation potential | Not determined |
| Mobility in soil (Adsorption / leaching) | Not determined |
| Environmental fate | Not determined |
| Ozone layer depletion potential | Not determined |
| Photochemical ozone creation potential | Not determined |
| Endocrine disrupting potential | Not determined |
| Global warming potential | Not determined |

| Section 13 Disposal Considerations | |
|---|---|
| Disposal containers | Controls: Leak-proof container marked with biohazard symbol. |
| Disposal methods | Dispose of human source materials in biohazardous or medical waste. Dispose in compliance with federal, state and local regulations. If unsure of the applicable requirements, contact the authorities for information. |
| Properties that may affect disposal | Potentially biohazardous material; dispose in biohazardous or medical waste |
| Sewage disposal | Do not dispose of product into drains or sewers |
| Precautions for landfills or incineration | Dispose in biohazardous or medical waste |

| Section 14 Transport Information | |
|---|-------------------------|
| UN Number | Not regulated |
| UN proper shipping name | Not regulated |
| Transport hazard class | Not regulated |
| Packing group | Not regulated |
| Environmental hazards | None identified |
| Guidance on transport in bulk | No special requirements |
| Special precautions on transport | None identified |

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| Section 15 Regulatory Information | |
|--|--|
| OSHA | This product does not meet the definition of a hazardous material under 29 CFR 1910.2000 |
| TSCA | Listed |
| SARA | |
| 302 | Not applicable |
| 311/312 | No hazards |
| 313 | Below threshold reporting levels |
| CA Prop 65 | Not listed |
| Canada DSL/NDSL | Sodium azide: Listed on DSL |
| WHMIS Class | Sodium azide: Not controlled below 1% |
| The above information is not intended to be a comprehensive listing of regulations pertinent to the product, and the regulations listed are subject to change. The user is responsible for observing all applicable local, state, and national/federal regulations in handling of the product. | |

| Section 16 Other Information | | | |
|---|---------------------|----------------------|---|
| NFPA Ratings: | | HMIS Ratings: | |
| Health | 1 | Health | 1 |
| Flammability | 0 | Flammability | 0 |
| Reactivity | 0 | Reactivity | 0 |
| Physical Hazards | Potential biohazard | Protective Equipment | B |
| Date of preparation | 15 September 2014 | | |
| Last revision date | 25 February 2015 | | |
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