Material Safety Data Sheet: BLS-02

Section 1: Product and Company Identification

Product Name: Aurion Blocking Solutions
Product codes: 905.XXX
Manufacturer: Aurion ImmunoGold Reagents & Accessories, Costerweg 5, 6702 AA Wageningen, The Netherlands, phone: +31-317-497676, Chamber of Commerce 09068171 Arnhem.
Date prepared: 26 February 2008
MSDS number: BLS-02

Section 2: Composition / Ingredients

This product contains: Serum proteins in buffer/
Ingredients: Serum proteins from Goat, Rabbit, Donkey and/or Bovine origin in phosphate buffered saline solution with 0.05% Sodium Azide.

Section 3: Hazards Identification

Emergency Overview: Sodium azide reacts with lead and copper plumbing forming highly explosive metal azides.
Routes of Entry: Ingestion and skin absorption.
Effects of Overexposure: None known.

Section 4: First Aid Measures

Eye Contact: Flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.
Skin Contact: Flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.
Ingestion: Wash out mouth with water, provided person is conscious. Call a physician.
Inhalation: Move to fresh air. If breathing becomes difficult, call a physician.

Section 5: Fire Fighting Measures

Explosion Hazards: Azide reacts with metals such as lead, copper, mercury, silver, gold and halides to form explosive compounds.
Flash Point: Not flammable
Flammable Limits: Lower: N/A, Upper: N/A
Autoignition Temperature: N/A
Extinguishing Methods: Use extinguishing media appropriate to surrounding fire conditions.
Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Specific Hazard(s): May emit toxic fumes under heat exposure

Section 6: Accidental Release Measures

Evacuation procedures and Safety: Wear rubber gloves.
Cleanup and Disposal of Spill: Absorb on sand or vermiculite and place in closed containers for disposal. Wash spill site after material pickup is complete with copious amounts of water.
Waste Disposal Methods: According to local guidelines for dilute protein solutions containing 0.05% Sodium Azide. Observe all local, state and Federal laws.

N/A= Not applicable

Section 7: Handling and Storage

Minimum / Maximum Storage Temperatures: 0 - 37°C (273 - 310K)
Handling: Do not breathe vapors and mists. Do not get on skin or in eyes. Do not ingest. Use handling, storage and disposal procedures that will prevent contamination of water, food or feed. Avoid freezing.
Storage: Store in a refrigerator

Section 8: Exposure Controls / Personal Protection

Respiratory Protection: N/A
Ventilation: N/A
Protective Gloves: Compatible chemical-resistant gloves.
Eye Protection: Chemical safety goggles.

Section 9: Physical and Chemical Properties

Appearance: Liquid

Section 10: Stability and Reactivity

Stability: Stable

Section 11: Toxicological Information

The toxicological properties have not been thoroughly investigated.
Sodium Azide: 0.05% by weight
Oral rat LD50: 27 mg/kg
Investigated as tumorigen and mutagen. No activity known.

Section 12: Ecological information

Environmental Fate: When released into the soil, serum proteins are expected to biodegrade.
Environmental Toxicity: No toxicity anticipated for serum proteins. Observe MSDS for Sodium Azide.

Section 13: Disposal Considerations

Dispose of unused contents in accordance with federal, state and local requirements for the disposal of solutions containing 0.05% Sodium Azide.

Section 14: Transportation Information

This substance is considered to be non-hazardous for transport.

Section 15: Regulatory Information

Workplace classification: This product is considered non-hazardous.
TSCA status: Exempt from TSCA.

Section 16: Other Information

Laboratory reagent. For research use only. Not for diagnostic or therapeutic use.
AURION makes no warranty of any kind regarding the information furnished herein. These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
Users should independently determine the suitability and completeness of information from all sources. While this data is presented in good faith and believed to be accurate, it should be considered only as a supplement to other information gathered by the user. It is the user's responsibility to assure the proper use and disposal of these materials as well as the safety and health of all personnel who may work with or otherwise come in contact with these materials.