

## 1. IDENTIFICATION

### 1.1 Product Identifiers

Product Name: Anti-B Blood Typing Sera  
Alternative names: Murine Monoclonal Series  
Product Number: 1-2EA, SE00SP

1.2 Relevant identified uses of the substance or mixture and uses advised against  
Identified uses: For laboratory and educational use only

### 1.3 Details of the supplier of the safety data sheet

Company: LAB-AIDS®, Inc, 17 Colt Ct., Ronkonkoma, NY 11779, USA  
Telephone: +1 800 381 8003.  
Fax: +1 631 820 8268

### 1.4 Emergency telephone number

Emergency number: CHEMTREC 1 800 424-9300

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

GHS classification  
Eye irritant (Category 2A), H319  
Oral Tox. (Category 5), H303

### 2.2 Label elements, including precautionary statements

Signal word: Warning  
Hazard statements: H319 - Causes serious eye irritation. H303 - Harmful if swallowed  
Precautionary statements: P280 - Wear protective gloves, eye protection

Pictogram:



### 2.3 Hazards not otherwise classified: none

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substance: Not applicable

### 3.2 Mixture

Chemical Name	Product Identifier	%	GHS-US classification
Bovine Albumin	CAS# 9048-46-8	1-32%	Not classified
Sodium Azide	CAS# 26628-22-8	0.13%	Acute Tox. 2; Aquatic Acute 1

### 3.3 Chemicals where a trade secret is claimed: None

## 4. FIRST AID MEASURE

### 4.1 Description of the first aid measure:

**INGESTION:** Never give anything by mouth to unconscious person. Rinse mouth and get conscious person drink a glass of milk or water. Do NOT induce vomiting unless directed to do so by medical personnel. Get immediate medical attention.  
**INHALATION:** Remove to fresh air. Get medical attention if necessary.  
**EYE CONTACT:** Wash immediately with plenty of water, and continue washing for at least 15min., occasionally lifting upper and lower eyelids. Seek medical attention if necessary.  
**SKIN CONTACT:** Flush thoroughly with mild soap and water. Remove contaminated clothing. Get medical attention if irritation develop.

4.2 Most important symptoms and effects, both acute and delayed: Refer to section 11.

4.3 Indication of any immediate medical attention and special treatment needed: No additional information available.

## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media: Nonflammable liquid

Suitable extinguishing media: Use TrIClass, dry chemical extinguisher for surrounding fires.

5.2 Special hazard arising from the substance or mixture: Vapor spreads at floor level.

5.3 Advice for firefighters: Use self-contained breathing apparatus and protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions: Wear laboratory grade gloves, eye protection and a lab coat.

6.2 Emergency procedures: Restrict unprotected personnel from the area.

6.3 Methods and material used for containment and cleanup procedure: Cover the area with paper towel and pour disinfectant over the area. Wipe the area until clean and dry. Ventilate and wash spill area with soap and water.

## 7. HANDLING AND STORAGE

7.1 Precaution for safe handling: Read label on container before using. Do not wear contact lenses when working with chemicals. For laboratory use only. Not for food, drug or household use. Use only under adult supervision. Avoid breathing vapor. Wash hands thoroughly after handling.

7.2 Storage: Keep container in the a dedicated refrigerator. Do not freeze it.

7.3 Incompatibility: Refer to section 10.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters: Not available

8.2 Exposure controls: Avoid contact with eyes, skin, and clothing. Wear chemical splash goggles, chemical-resistant gloves, and chemical-resistant apron. Use ventilation to keep airborne concentrations below exposure limits. Respiratory protection: Non should be needed if normal laboratory handling at room temperature.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.  
Appearance: Anti-B yellow.  
Odor: Not available  
pH: Not available  
Vapor Pressure ( mm Hg): Not available  
Vapor Density: Not available  
Evaporation Rate: Not available  
Flash point: N/A  
Autoignition: Not available

Bolling point: Not available  
Melting point: Not available  
Freezing point: Not available  
Decomposition temp: Not available  
Solubility: Not available  
Specific gravity (H<sub>2</sub>O = 1): Not available  
Percent volatile (%): Not available  
Molecular formula: Mixture  
Molecular weight: Mixture

## 10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: Fire, high temperatures and incompatible materials.

Incompatibilities: Benzoyl chloride, potassium hydroxide, bromine, acids, barium carbonate, copper.  
Hazardous decomposition: Sodium azide when heated to decomposition liberates nitrogen gas and sodium. Carbon dioxide and carbon monoxide may form when bovine albumin is heated to decomposition.  
Hazardous polymerization: Will not occur.

## 11. TOXICOLOGICAL INFORMATION

Acute effects: Causes irritation, redness, pain, and blurred vision. Skin: Causes redness, irritation and pain. May be absorbed through skin. Inhalation: May cause irritation to respiratory tract and mucous membrane with symptoms of coughing, sore throat, dizziness and shortness of breath and fainting. May be absorbed through inhalation. Ingestion: May cause breathlessness, pulmonary edema and rapid heartbeat within 5min. May cause nausea, vomiting, headache, restlessness and diarrhea may occur within 15min. Other symptoms may include low blood pressure, abnormal breathing, reduced body temperature, reduced body pH, convulsions, collapse and death.

### Toxicological data

Acute oral toxicity ORAL LD<sub>50</sub>: Not available  
Acute vapor toxicity IHL-LC<sub>50</sub>: Not available  
DERMAL LD<sub>50</sub>: not available

### Carcinogenicity:

California prop 65: Not classified

## 12. ECOLOGICAL INFORMATION

Not available.

## 13. DISPOSAL CONSIDERATION

Disposal of in accordance with all local, state, and federal regulations, or contact with a licensed chemical disposal agency.

## 14. TRANSPORT INFORMATION

UN number: N/A  
Shipping name: N/A  
Hazard Class: N/A  
Packing group: N/A  
Exceptions: Ltd Qty. N/A

## 15. REGULATORY INFORMATION

TSCA-listed, DSCL (EEC) R36/38-Irritating to eyes and skin.

## 16. OTHER INFORMATION

### Disclaimer:

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