

SAFETY DATA SHEET

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

This Material Safety Data Sheet (Safety Data Sheet) is for the following products:

MANUFACTURER:
Immucor, Inc.
3130 Gateway Drive
Norcross, GA 30071
Manufacturer's Phone: 855-466-8267 (US and Canada)
770-441-2051
Emergency Phone: 855-466-8267 (US and Canada)

AUTHORIZED REPRESENTATIVE (Europe):
Immucor Medizinische Diagnostik GmbH
Adam-Opel-Strasse 26 A
63322 Rödermark
Germany
Authorized Rep. Phone: +49 6074 84200
Emergency Phone: +49 6074 84200

Product Name	Product Code	Size
Anti-A (Murine Monoclonal) Series 1	0006400	10x10mL
Anti-B (Murine Monoclonal) Series 3	0006406	10x10mL
Anti-A,B (Murine Monoclonal), Series 1	0006408	10x10mL
Anti-D (Monoclonal Blend) Series 4	0006412	10x10mL
Anti-D (Monoclonal Blend) Series 5	0006414	10x10mL
Anti-K (Human Monoclonal) Series 2	0004210	1x5mL

Product Name	Product Code	Size
Monoclonal Control	0066089	10x10mL
Bovine Albumin 22 %	0002327	10x10mL
Capture-P Control Serum Set (Weak Positive/Negative) *	0066248	2x3mL
Capture-CMV Control Serum Set (Weak Positive/Negative) *	0066239	2x3mL
Capture-R Control Serum Set (Weak Positive/Negative) *	0066236	2X11.5mL
Anti-c (Monoclonal) Series 1	0066425	1x5mL

***NOTE:** All blood products should be treated as potentially infectious. Source material from which this product was derived was found negative when tested in accordance with current FDA required tests. No known test methods can offer assurance that products derived from human blood will not transmit infectious agents.

Specific Use: Intended to be used in the detection and identification of certain properties of cell and serum components of blood prior to transfusion.

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2. HAZARDS IDENTIFICATION

GHS Classification

Acute Toxicity, Oral (Category 4), H302

Label Elements

Hazard pictogram:



GHS07

Signal word: Warning

Hazard Statements: H302 Harmful if swallowed

Precautionary Statements:

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

P264 Wash hands thoroughly after handling

P270 Do not eat, drink or smoke when using this product

P281 Use personal protective equipment as required

Hazardous Material Identification System (HMIS III)

HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

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3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NUMBER	CONCENTRATION
Bovine Albumin	9048-46-8	1-32%
Sodium Azide	26628-22-8	0.1%

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion: *DO NOT* induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

Skin Contact: Wipe off affected area and flush with plenty of soap and water for 15 minutes. Remove contaminated clothing and shoes. Seek medical attention. Wash clothing and shoes thoroughly before reuse.

Medical Conditions Possibly Aggravated: None known.

5. FIRE-FIGHTING MEASURES

Flash Point: N/A

Autoignition Temperature: N/A

Fire and Explosion Hazards: N/A

Extinguishing Media: Use appropriate extinguishing media for surrounding fire: dry chemical, carbon dioxide, water spray or regular foam.

Special Fire Fighting Procedures: Wear appropriate personal protective equipment. Fight fires only if properly trained. Move containers from fire area if it can be accomplished without risk. Use water to keep containers cool. Dike fire control water.

Unusual Fire and Explosion Hazards: Avoid breathing vapors or dusts. Keep upwind.

Hazardous Decomposition Products: Not determined.

6. ACCIDENTAL RELEASE MEASURES

Action to Be Taken If Material Is Released or Spilled: Remove all sources of ignition. Do not touch spilled material. Stop the release if you can do it without risk. Isolate the area and deny entry. Absorb the spill and place used absorbent material into approved containers for later disposal. Decontaminate the area with an approved disinfectant. Cover the area with paper towels and pour disinfectant over the area. Wipe the area until clean and dry.

7. HANDLING AND STORAGE

Handling: Food and drink should not be consumed, nor tobacco products used, nor cosmetics applied in areas where chemicals are stored or handled.

Storage: Store away from incompatible substances. Store in tightly closed containers. Avoid contact with open wounds and body fluids. Wash thoroughly after handling and before eating, drinking or smoking. Observe federal, state and local regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below permissible air concentrations.

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Eye/Face Protection: Use chemical safety goggles and/or full face shield where splashing of the solution is possible. Maintain eyewash fountain and quick drench facilities in the work area.

Skin Protection: Clothing such as gowns, aprons, or lab coats should be worn when working with this material. Protective gloves should be worn while handling materials and/or surfaces, which are potentially infectious.

Respiratory Protection: A NIOSH/MSHA approved respirator should be worn where airborne exposures may exceed OSHA/ACGIH exposure limits.

Other/General Protection: Hood, surgical caps, boots and shoe covers should be worn in areas with significant quantities of infectious materials.

INGREDIENTS	CAS NUMBER	CONCENTRATION	OSHA PEL-TWA	ACGIH-TWA TLV	ACGIH-STEL/CEIL(C)
Bovine Albumin	9048-46-8	1-32%	N/A	N/A	N/A
Sodium Azide	26628-22-8	0.1%	N/A	N/A	C 0.11ppm as HN ₃ vapor C 0.29 mg/m ³ as NaN ₃

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	liquid	Evaporation Rate (Butyl Acetate=1.0):	N/A
Color:	All products are a clear light amber except: Anti-A – clear blue Anti-B – clear yellow	Vapor Pressure:	18 mm Hg
Odor:	N/A	Vapor Density (Air=1):	N/A
pH:	6-8	Density:	Not determined
Boiling Point:	212 °F	Specific Gravity (H ₂ O = 1):	1
Flash Point:	N/A	Solubility in Water:	N/A

Estimated Explosive Limits (% By volume in air): Lower Explosive Limit: N/A Upper Explosive Limit: N/A

NOTE: The following physical and chemical properties have no data available: Odor threshold; Melting point/freezing point; Flammability (solid, gas); Partition coefficient: n-octanol/water; Auto-ignition temperature; Decomposition temperature; and Viscosity.

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions to Avoid:	Fire and excessive heat. May decompose in heat.
Incompatibility:	Benzoyl chloride, potassium hydroxide, bromine, carbon disulfide, chromyl chloride, copper, dibromomalononitrile, dimethyl sulfate, lead, barium carbonate, sulfuric acid, nitric acid, strong acids and substances that react violently with water.
Hazardous Decomposition Products:	Sodium azide when heated to decomposition liberates nitrogen gas and sodium, which is explosive. Carbon dioxide and carbon monoxide may form when bovine albumin is heated to decomposition.
Hazardous Polymerization:	Will not occur.
Possibility of Hazardous Reaction:	Not determined.

11. TOXICOLOGICAL INFORMATION

Acute Effects: This product is manufactured from human blood and therefore must be considered to be capable of transmitting disease. The substance irritates the eyes, the skin and the respiratory tract. Exposure above Occupational Exposure Limits could cause effects on the nervous system.

Chronic Effects: No information found.

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Listed Carcinogens: None.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with applicable federal, state, and local government regulations. Waste generators must determine whether a discarded material is classified as a hazardous waste. USEPA guidelines for the classification determination are listed in 40 CFR parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

14. TRANSPORT INFORMATION

UN ID Number:	N/A	Transport Hazard Class:	N/A
DOT Proper Shipping Name:	N/A	Packaging Group:	N/A

15. REGULATORY INFORMATION

TSCA: All components of this product are listed on the TSCA inventory.	SARA Title III: Section 302: None
CERCLA Reportable Quantity: None	Section 312: None
Clean Air Amendments-Hazardous Air Pollutant (HAPS): None	Section 313: None
California State Proposition 65: None	

CANADA: These products have been classified in accordance with the hazard criteria of the Controlled Products Regulations and this SDS contains all information required by the Controlled Products Regulations.

16. OTHER INFORMATION

The packaging of these products (dropper bulb) may contain dry natural rubber.

DISCLAIMER: The information contained herein is based on data considered accurate and is offered at no charge. No warranty is expressed or implied regarding the accuracy of this data. Liability is expressly disclaimed for loss or injury arising out of use of this information or the use of any materials designated.

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