

SAFETY DATA SHEET

1. IDENTIFICATION

This Safety Data Sheet is for the following products:

MANUFACTURER:

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

AUTHORIZED REPRESENTATIVE (Europe):

Immucor Medizinische Daisnostik GmbH
 Robert-Bosch-Strasse 32
 63303 Dreieich
 Germany
Authorized Rep. Phone: +49 6103 8056-0
Emergency Phone: +49 6103 8056-0

Product Name	Product Code	Size
Self-Check II	0056169	3 x 5mL
Tech-Chek	0002999	2 x 5mL
RiSE	0007999	Kit

SPECIFIC USE: Intended to be used in the detection and identification of certain properties of cell and serum components of blood prior to transfusion

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

RED BLOOD CELL INGREDIENTS:

<u>INGREDIENTS</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION</u>
Bovine Albumin	9048-46-8	1-10%
Dextrose	50-99-7	1-5%
Chloramphenicol	56-75-7	0.25-0.33mg/mL
Neomycin Sulfate	1405-10-3	0.068-0.1mg/mL
Gentamycin Sulfate	1405-41-0	0.05 mg/mL

SERUM / PLASMA INGREDIENTS :

Sodium Azide	26628-22-8	0.1%
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4. FIRST AID MEASURES

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. 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.

5. FIRE-FIGHTING MEASURES

FLASH POINT: 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 HAZARDS: Avoid breathing vapors or dusts. Keep upwind.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE 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.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE 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.

CLOTHING/GLOVES: 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.

HEAD/ FOOT PROTECTION: Hood, surgical caps, boots and shoe covers should be worn in areas with significant quantities of infectious materials.

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

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

RED BLOOD CELL INGREDIENTS:

<u>INGREDIENTS</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION</u>	<u>OSHA PEL-TWA</u>	<u>ACGIH-TWA TLV</u>	<u>ACGIH-STEL/CEIL(C)</u>
Bovine Albumin	9048-46-8	1-10%	N/A	N/A	N/A
Dextrose	50-99-7	1-5%	N/A	N/A	N/A
Chloramphenicol	56-75-7	0.25-0.33mg/mL	N/A	N/A	N/A
Neomycin Sulfate	1405-10-3	0.068-0.1mg/mL	N/A	N/A	N/A
Gentamycin Sulfate	1405-41-0	0.05 mg/mL	N/A	N/A	N/A

SERUM / PLASMA INGREDIENTS :

Sodium Azide	26628-22-8	0.1%	N/A	N/A	C 0.11 as HN ₃ vapor C 0.29 as NaN ₃
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9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:	212 °F	SPECIFIC GRAVITY:	1 (H ₂ O=1)	pH: 6-8
MELTING POINT:	32 °F	% VOLATILE BY WEIGHT:	N/A	
VAPOR PRESSURE:	18 mm Hg	EVAPORATION RATE:	N/A	
VAPOR DENSITY:	N/A (Air=1)	SOLUBILITY IN WATER:	N/A	
VOLATILE ORGANIC COMPOUNDS (VOC):	0 lbs/gal (EPA Ref. Methods 24)			
APPEARANCE/ODOR:	Reagent Red Blood Cells, Human Red Blood Cell Suspension – red opaque liquid when shaken. Serum – clear light amber liquid.			
ESTIMATED EXPLOSIVE LIMITS (% By volume in air):	LEL: N/A		UEL: 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

STABILITY: Stable **CONDITIONS TO AVOID:** Fire and excessive heat. May decompose in heat

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY: Benzoyl chloride, potassium hydroxide, bromine, carbon disulfide, chromyl chloride, copper, dibromomalononitrile, dimethyl sulfate, lead, barium carbonate, sulfuric acid, nitric acid and oxidants.

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. When heated to decomposition chloramphenicol it emits fumes of nitrogen oxides, and chlorides. When heated to decomposition, neomycin sulfate and Gentamycin sulfate emit fumes of sulfur oxides.

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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.

LISTED CARCINOGENS: None.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Disposal must be at an approved waste disposal facility and in accordance with applicable Federal, State and Local laws and regulations. Contact the District Director of the Environmental Protection Agency and/or state regulatory agency for appropriate requirements.

14. TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: N/A

HAZARD CLASS: N/A

ID#: N/A

PACKING 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 POLLUTANTS (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.

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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