



MSDS NO: I001-12
 PRODUCT TYPE: MEDICAL DIAGNOSTIC REAGENT
 REVISION DATE: 07/12/2010

MATERIAL SAFETY DATA SHEET

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1. PRODUCT AND COMPANY INFORMATION

This Material Safety Data Sheet is for the following products:

MANUFACTURER:

Immucor, Inc.
 3130 Gateway Drive
 Norcross, GA 30071
Manufacturer's Phone: 800-829-2553 (US and Canada)
 770-441-2051
Emergency Phone: 800-829-2553 (US and Canada)

AUTHORIZED REPRESENTATIVE (Europe):

ImmucorGamma Benelux
 Zoning Industriel de Fleurus-Heppignies
 Avenue d'Heppignies n° 27
 6220 Heppignies
 Belgium
Authorized Rep. Phone: 0032 71 373 795
Emergency Phone: 0032 71 373 795

Product Name	Product Code	Size
Panoscreen I & II	0002378	2x10mL
Panoscreen I & II	0002380	2x10mL
Panoscreen I & II	0002390	2x10mL
Panoscreen I, II & III	0002381	3x10mL
Panoscreen C* III	0002377	3x10mL
Di(a+) Cell	0005021	1x10mL
Hemantigen	0002223	1x10mL
Referencells A1, A2, B, & O	0002338	4x10mL
Referencells A1, B	0002345	2x10mL
Referencells A2	0002342	1x10mL
Checkcell	0002224	1x10mL
Checkcell	0002225	3x10mL
Checkcell (Weak)	0002226	1 x 10mL
Checkcell (Weak)	0002227	3 x 10mL
Complement Control Cells	0007930	1 x 3mL

Product Name	Product Code	Size
DAT Positive Control Cell	0066122	1x10mL
DAT Positive Control Cell	0066125	4x10mL
Panocell -20	0005020	20x3mL
Panocell-16	0002332	16x3mL
Panocell-10	0003032	12x3mL
Capture-P Platelet Wash and Storage Solution (PWSS)*	0005035	1 liter bag
RBC Storage Solution*	0005036	1 liter bag
Referencells A1, and B (bar coded) 2-4%	0006421	2x10mL
Referencells A2, (bar coded) 2-4%	0006422	1x10mL
Capture-R Ready Indicator Cells (bar coded)	0006427	1x11.5mL/ 2 plates
Capture-R Ready Indicator Cells (bar coded)	0006428	10x11.5mL/2 0 plates
Galileo QC Cell	0066124	1x10mL
Capture-CMV Indicator Red Cells	0066238	1x11.5mL/2 plates
Capture-S Indicator Red Cells	0066293	1x11.5mL/2 plates
Capture-P Indicator Red Cells	0066240	1x10mL

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

*References to human blood in section 3-Hazard Identification and section 11-Toxicological Information do not apply to these products.

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NUMBER	CONCENTRATION
Dextrose (glucose)	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

3. HAZARDS IDENTIFICATION

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.

4. FIRST AID MEASURES

Inhalation: Not an expected route of exposure.

Ingestion: Rinse mouth with water.

Eye Contact: First rinse with plenty of water for several minutes. Remove contact lenses if easily possible. Contact a physician immediately.



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Skin Contact: Wash the affected area with antibacterial soap and warm water for several minutes.

Medical Conditions Possibly Aggravated: Persons with Glucose and Galactose Malabsorption Syndrome and persons with overt diabetes mellitus or carbohydrate intolerance are potentially at an increased risk to exposure.

5. FIRE-FIGHTING MEASURES

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

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: N/A

6. ACCIDENTAL RELEASE MEASURES

Action to Be Taken If Material Is Released or Spilled: Do not touch spilled material. Stop the release if you can do it without risk. Isolate the area. 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

<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>
Dextrose (glucose)	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

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

Eye/Face Protection: Safety glasses, goggles or face shields should be worn when splattering, spraying or splashing of infectious materials are anticipated.

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

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Color: RRBC's: red opaque

PWSS & Storage Solution: clear

Evaporation Rate (Butyl Acetate=1.0):

Vapor Pressure:

N/A

18 mm Hg



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Odor:	Not determined	Vapor Density (Air=1):	N/A
pH:	6-8	Density:	Not determined
Boiling Point:	212 °F	Specific Gravity (H₂O = 1):	1
Flash Point:	Not determined	Solubility in Water:	N/A

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions to Avoid:	Fire and excessive heat.
Incompatibility:	Acid, acid chlorides, acid hydrides.
Hazardous Decomposition Products:	When heated to decomposition chloramphenicol emits fumes of nitrogen oxides and chlorides. When heated to decomposition neomycin sulfate and gentamycin sulfate emit fumes of sulfur oxides.
Hazardous Polymerization:	Will not occur.
Possibility of Hazardous Reaction:	Not determined.

11. TOXICOLOGICAL INFORMATION

Acute/Chronic Effects:	This product is manufactured from human blood and therefore must be considered to be capable of transmitting disease.
Listed Carcinogens:	Chloramphenicol: California-Carcinogen NTP-Reasonably Anticipated Human Carcinogen IARC-Group 2A Carcinogen

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:	Chloramphenicol		

WARNING: THIS PRODUCT CONTAINS CHLORAMPHENICOL, A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA (PROPOSITION 65) TO CAUSE CANCER.

16. OTHER INFORMATION

Xi: N/A R-Phrase: N/A S-Phrase: N/A



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Hazardous Material Identification System (HMIS):		
HEALTH:	0	Rating are based on 0-4 rating scale, with 0 representing minimal hazard or risk, representing severe hazard or risk.
FLAMMABILITY:	0	
REACTIVITY:	0	* Represents materials with chronic effects
PERSONAL PROTECTION:	B	Letter code used to determine correct PPE to handle material

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