



MSDS NO: I001-10
PRODUCT TYPE: MEDICAL DIAGNOSTIC REAGENT
REVISION DATE: 5/07/2009

MATERIAL SAFETY DATA SHEET

PAGE 1 OF 3

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

This Material Safety Data Sheet is for the following products:

MANUFACTURER:

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

AUTHORIZED REPRESENTATIVE (Europe):

ImmucorGamma Benelux
Zoning Industriel de Fleurus-Heppignies
Avenue d'Heppignies n° 27
6220 Heppignies
Belgium
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 ^W 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
DAT Positive Control Cell	0066122	1x10mL

Product Name	Product Code	Size
Panocell -20	0005020	20x3mL
Panocell-16	0002332	16x3mL
Panocell-10	0003032	12x3mL
Capture-P Platelet Wash and Storage Solution (PWSS)*	0005035	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/20 plates
Capture-R Control Cells (for ABS2000)	0006424	1x11.5mL/ 2 plates
Capture-R Control Cells (for ABS2000)	0006425	10x11.5mL/ 20 plates
ABS QC Test System Plus (for ABS2000)	0006430	2x10mL
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

*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	OSHA PEL-TWA	ACGIH-TWA TLV
Dextrose (glucose)	50-99-7	1-5%	N/A	N/A
Chloramphenicol	56-75-7	0.25-0.33mg/mL	N/A	N/A
Neomycin Sulfate	1405-10-3	0.068-0.1mg/mL	N/A	N/A
Gentamycin Sulfate	1405-41-0	0.05 mg/mL	N/A	N/A

3. HAZARDS IDENTIFICATION

INHALATION: Not expected to be a health hazard.

EYE CONTACT: Not expected to be a health hazard.

SKIN CONTACT: Not expected to be a health hazard.

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.

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: Move affected individual to fresh air.

INGESTION: Rinse mouth with water.



MATERIAL SAFETY DATA SHEET

PAGE 2 OF 3

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

SKIN CONTACT: Wash the affected area with antibacterial soap and warm water for several minutes.

5. FIRE-FIGHTING MEASURES

ESTIMATED EXPLOSIVE LIMITS (% By volume in air): LEL: N/A UEL: N/A 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: 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, STORAGE AND SPECIFIC USE

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.

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: Safety glasses, goggles or face shields should be worn when splattering, spraying or splashing of infectious materials are anticipated.

CLOTHING/GLOVES: 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.

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

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 Reference Methods 24)			
APPEARANCE/ODOR:	Reagent Red Blood Cells, Human Red Blood Cell Suspension—red opaque liquid when shaken. Capture-P Platelet Wash and Storage Solution—clear colorless liquid.			

10. STABILITY AND REACTIVITY

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

HAZARDOUS POLYMERIZATION: Will not occur.

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.



MSDS NO: 1001-10
PRODUCT TYPE: MEDICAL DIAGNOSTIC REAGENT
REVISION DATE: 5/07/2009

MATERIAL SAFETY DATA SHEET

PAGE 3 OF 3

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

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

15. REGULATORY INFORMATION

CERCLA REPORTABLE QUANTITY: None SARA Title III: Section 302: None
CLEAN AIR AMENDMENTS-HAZARDOUS AIR POLLUTANTS (HAPS): None Section 312: None
CALIFORNIA STATE PROPOSITION 65: Chloramphenicol Section 313: None
WARNING: THIS PRODUCT CONTAINS CHLORAMPHENICOL, A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA (PROPOSITION 65) TO CAUSE CANCER.

16. OTHER INFORMATION

LABELING INFORMATION

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

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.