

R&D Systems, Inc.
614 McKinley Place N.E.
Minneapolis, MN 55413

Material Safety Data Sheet
Date Reviewed: 01/02/04

PRODUCT NAME <i>(As used on Label and List)</i>	DESCRIPTION
R&D Glu/Hgb Lot #	GH00L GH00N GH00H GH00LX GH00NX GH00HX HCLNH3
	CONTROLS AND CALIBRATORS FOR HEMATOLOGY FROM HUMAN SOURCES

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name	Emergency Telephone Number
R&D Systems, Inc.	(612) 379-2956 / (800) 523-3395
Address <i>(Number, Street, City, State, and ZIP Code)</i>	Telephone Number for Information
614 McKinley Place Minneapolis, MN 55413	(612) 379-2956 / (800) 523-3395

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
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CONTAINS HUMAN BLOOD.

TO THE BEST OF OUR KNOWLEDGE, THIS PRODUCT CONTAINS NO HAZARDOUS INGREDIENTS AS
DEFINED BY THE OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200.

Section III - Physical/Chemical Characteristics

Boiling Point	UNKNOWN	Specific Gravity (H2O = 1)	UNKNOWN
Vapor Pressure (mm Hg.)	UNKNOWN	Melting Point	NOT APPLICABLE
Vapor Density (AIR = 1)	UNKNOWN	Evaporation Rate (Butyl Acetate = 1)	UNKNOWN
Solubility in Water			

Appearance and Odor

LIQUID

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
NOT APPLICABLE	NOT APPLICABLE	NA	NA
Extinguishing Media			
AS APPROPRIATE FOR FIRE IN SURROUNDING MATERIALS.			
Special Fire Fighting Procedures			
NONE			
Unusual Fire and Explosion Hazards			
NONE			

Section V - Reactivity Data

Stability	Unstable ()	Stable (X)	Conditions to Avoid NOT APPLICABLE
Incompatibility (Materials to Avoid)			
NONE			
Hazardous Decomposition of By-products			
NONE			
Hazardous Polymerization	May Occur ()	Will Not Occur (X)	Conditions to Avoid NOT APPLICABLE

Section VI - Health Hazard Data

Route(s) of Entry:

INHALATION, INGESTION, BROKEN SKIN

Health Hazards (Acute and Chronic)

POTENTIAL BIOHAZARDOUS MATERIAL. HANDLE AS IF PRODUCT WERE CAPABLE OF TRANSMITTING DISEASE. HUMAN BLOOD COMPONENTS USED IN PREPARATION OF THIS PRODUCT HAVE BEEN TESTED BY FDA APPROVED METHODS AND FOUND NON REACTIVE FOR THE PRESENCE OF HEPATITIS B SURFACE ANTIGEN (HBSAG), AND ANTIBODY TO HEPATITIS C VIRUS (HCV), AND HUMAN IMMUNODEFICIENCY VIRUS (HIV-1/HIV-2). HOWEVER, NO KNOWN TEST METHOD CAN OFFER COMPLETE ASSURANCE THAT SPECIMENS OF HUMAN ORIGIN WILL NOT TRANSMIT INFECTIOUS DISEASE. WHEN HANDLING OR DISPOSING OF VIALS, FOLLOW PRECAUTIONS USED FOR PATIENT SPECIMENS AS DESCRIBED IN CDC AND FDA RECOMMENDATIONS AND OSHA BLOOD BORNE PATHOGEN RULES

Carcinogenicity:

NTP?

IARC Monographs?

OSHA Regulated?

(NO)

(NO)

(NO)

Signs and Symptoms of Exposure

NONE IDENTIFIED

Medical Conditions

Generally Aggravated by Exposure

NONE IDENTIFIED

Emergency and First Aid Procedures

IN CASE OF SKIN CONTACT, IMMEDIATELY WASH AFFECTED AREA WITH SOAP AND WATER. IN CASE OF EYE CONTACT, FLUSH WITH WATER. IN CASE OF SKIN OR EYE CONTACT OR INGESTION, SEEK IMMEDIATE MEDICAL CONSULTATION AS DESCRIBED IN THE OSHA BLOODBORNE PATHOGENS STANDARD 29 CFR 1910.1030.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case material is Released or Spilled

ABSORB SPILL USING DISPOSABLE TOWELS OR COMMERCIALY AVAILABLE CHEMICAL SPILL KIT ABSORBENT MATERIAL. WEAR GLOVES DURING SPILL CLEAN UP. FLOOD CONTAMINATED AREA WITH UNDILUTED HOUSEHOLD BLEACH (5.5% SODIUM HYPOCHLORITE), THEN WIPE CLEAN. CONTAIN ABSORBENT WASTE IN BIOHAZARD BAG.

Waste Disposal Method

METHOD OF DISPOSAL MUST COMPLY WITH FEDERAL, STATE AND LOCAL REQUIREMENTS.

Precautions to Be Taken in Handling and Storing

SOLUTIONS CONTAINING HUMAN-SOURCED MATERIALS SHOULD BE HANDLED AS IF POTENTIALLY INFECTIOUS. USE SAFE LABORATORY PROCEDURES IN COMPLIANCE WITH THE FEDERAL BLOODBORNE PATHOGENS STANDARD, 29 CFR PART 1910.1030 DECEMBER 1991.

Other Precautions

NONE

Section VIII - Control Measures

Respiratory Protection (Specify Type)

NOT REQUIRED IF USED ACCORDING TO PACKAGE INSERT.

Ventilation

Local Exhaust

NOT APPLICABLE

Special

NOT APPLICABLE

Mechanical (General)

RECOMMENDED

Other

NOT APPLICABLE

Protective Gloves

SHOULD BE WORN

Eye Protection

SAFETY GLASSES RECOMMENDED

Other Protective Clothing or Equipment

LAB COAT

Work/Hygienic Practices

AVOID CONTACT WITH EYES AND SKIN. WHEN HANDLING, USE PROPER PERSONAL PROTECTIVE EQUIPMENT. DO NOT EAT, DRINK, OR SMOKE WHERE REAGENTS ARE HANDLED. DO NOT PIPETTE BY MOUTH, USE MECHANICAL PIPETTING DEVICE. FOLLOW GOOD LABORATORY PRACTICES. WASH THOROUGHLY AFTER HANDLING.

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