

Material Safety Data Sheet

Section I Chemical Product and Company Identification

Importer	Manufactured For
Name: Address:	Name: RNA Medical, Division of Bionostics, Inc. Address: 7 Jackson Road Devens, Massachusetts USA 01434
Telephone: Fax:	Telephone: +01 978 772 9070 Fax: +01 978 772 9071

Product Name: QC HGB Hemoglobin Control	Catalog No: QC HGB, QC HGB-1, QC HGB-2, QC HGB-3
Product Use: QC HGB contains a solution of unfixed stabilized human erythrocytes and preservatives.	
Labeling Text N/A	Danger Symbol(s) Biological Risk on primary package
Shipping Name N/A	IATA Not Known

Section II Composition / Information on Ingredients

Chemical Family: hemoglobin control solution		Chemical Name: N/A	
Component: Not Known	CAS Number: Not Known	Concentration Ranges	EEE Symbol / Risk Phrases
<p>This product contains human source materials that have tested non-reactive for hepatitis B surface antigen (HBsAg), hepatitis B core antibody (anti-HBc), hepatitis C virus (HCV), anti-HIV-1, anti-HIV-2, and human T-cell lymphotropic virus type 1 (HTLV-1). Since no known test method can offer complete assurance that specimens of human origin will not transmit infectious disease, this control should be handled as a potentially biohazardous material. Follow the recommended "Universal Precautions" when handling this and any blood product.</p> <p>Contains no carcinogens with concentration greater than 0.1%</p>			

Section III Hazards Identification

Eye Contact	May cause irritation if in contact with eye.
Skin Contact	Skin contact may cause irritation.
Ingestion	Though not a likely route of occupational exposure, ingestion of this product may cause choking, vomiting or nausea.
Inhalation	N/A
Chronic Exposure	N/A

Section IV First Aid Measures

Eye Contact	Although no adverse health reactions are expected from the normal use of this product, it is recommended flush eyes with water and seek medical advice whenever there has been a potential injury to the eye.
Skin Contact	If contact with this product leads to reddening, inflammation, or irritation, flush the exposed area with running water. If irritation persists, get medical attention.
Ingestion	As a precaution, get medical attention if there has been ingestion of this product.
Inhalation	If breathing becomes difficult, remove victim to fresh air. Get medical attention
Chronic Exposure	N/A

Section V Firefighting Measures

Autoflammability	Not Known		
Flash Point (test method)	Not Known		
Extinguishing Media	Not Known		
Special Firefighting Procedures	Not Known		
Fire and Explosion Hazards	Not Known		
Hazardous Combustion Products	Not Known		
Upper Explosion Limit (%)	Not Known	Lower Explosion Limit (%)	Not Known

Section VI Accidental Release Measures

Spill and Leak Procedures	Use an absorbent material to contain/pick up the spilled solution. Place all contaminated disposables into a suitable container, seal, label and hold for disposal.
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Section VII Handling and Storage

Storage Temperature	Store bottles as directed in the package insert.
Handling / Storage	Handle and store bottles as directed in the package insert.
Ventilation Requirements	No special requirements
Sensitivity to Static Electricity	Not Known
Sensitivity to Mechanical Impact	Not Known

Section VIII Exposure Controls / Personal Protection

Respiratory Protection	Respiratory protection is not required under normal use of this product.
Ventilation	Supplemental ventilation is not required for the normal use of this product.
Protective gloves	Wear appropriate protective gloves to prevent skin contact. Replace torn or punctured gloves promptly.
Other Protective Equipment	Wear appropriate eye protection to prevent eye contact. Wear appropriate body protection to prevent skin contact.
Other Engineering controls	Eye wash stations and deluge showers.
Work Practices	Good laboratory technique should be used when handling this product. Observe appropriate chemical hygiene. Do not place in mouth.
Hygienic Practices	Do not eat, drink, or smoke while working with this product. Upon completion of work activities involving this product, wash hands thoroughly with soap and water.

Section IX Physical and Chemical Properties

Pure substance or preparation	Preparation	Physical Form	Liquid
Appearance / Odor	Red to dark brown	pH AS is	Not Known
Odor threshold	Not Known	Boiling point (760 mmHg)	Not Known
Melting / Freezing point	Not Known	Solubility in Water	Not Known
Partition coefficient	Not Known	Relative density	Not Known
Evaporation rate	Not Known	Vapor pressure (mmHg)	Not Known
Vapor density (air = 1)	Not Known	Viscosity	Not Known
Volatiles	Not Known	Volatile Organic Compounds	Not Known
Autoflammability	Not Known	Flash point	Not Known
Oxidizing properties	Not Known		

Section IX Physical and Chemical Properties

Stability	Stable
Materials to avoid	Not Known
Hazardous decomposition products	Not Known

Section XI Toxicological Information

Route of Entry	Ingestion, skin and/or eye contact.		
Effects of chronic exposure	Not Known	Effects of acute exposure	Not Known
Special health effects	Not Known	Target organs	Not Known
Cancer Lists	Not Known	NTC Carcinogen	Not Known
Ingredient	CAS Nr.	Known	Anticipated
			IARC Category

Section XII Ecological Information

Potential effect on environment	Not Known	Potential to bioaccumulate	Not Known
Mobility	Not Known	Ecotoxicity	Not Known
Persistence and degradeability	Not Known	Aqua toxicity	Not Known

Section XIII Disposal Considerations

Waste disposal	Please consult local, state and federal regulations for additional guidance on disposal.
Empty container warnings	Please consult local, state and federal regulations for additional guidance on disposal.

Section XIV Transport Information (See also Section IX)

ADR / RID	N/A	CEPIC Tremcard number	Not Known
Hazchem code	Not Known	Kemmler code	Not Known
IMDG classification	N/A	IATA classification	N/A
Marine Pollutant	Not Known	UN number (S.I.N)	Not Known
UN class	Not Known	UN packing group	Not Known

Section XV Regulatory Information

EEC hazard classification	Not Known
Risk phrases	Not Known
Safety phrases	Not Known

Section XVI Other Information

Directives 88/379/EEC and 91/155/EEC have been considered when compiling this SDS; the information is provided for health and safety assessment by an industrial user. Reference should be made to any relevant local or national health, safety or environmental legislation. This information does not constitute indication of suitability for specific uses.

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