

RAMP[®] Cardiac Controls

Material Safety Data Sheet

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SECTION 1		CHEMICAL PRODUCT AND COMPANY IDENTIFICATION
Product Name:	RAMP [®] Cardiac Controls, Level 1	
Catalogue Number:	C2003-1	
Application:	<i>In vitro</i> diagnostic use in the quality control of cardiac markers on the RAMP [®] Platform.	
Supplier:	Response Biomedical Corp. 1781 - 75th Avenue W., Vancouver, B.C. Canada V6P 6P2	
Toll Free:	+1.888.525.7267 (North America)	
Telephone:	+1.604.219.6119 (Rest of World)	
Fax:	+1.604.456.6066	
Email:	techsupport@responsebio.com	
Web:	www.responsebio.com	
SECTION 2		HAZARDS IDENTIFICATION
Health Hazard:	Contains no hazardous substances in reportable quantities	
Classification:	Biohazard	
SECTION 3		COMPOSITION/INFORMATION ON INGREDIENTS
Warnings:	<p>BIOHAZARD</p> <p>Human source material from which this product is derived has been tested at donor level for the HIV (Human Immunodeficiency Virus) Antibody, HBs Ag and HCV and found to be non-reactive. FDA approved methods have been used to conduct these tests. However, as no method can offer complete assurance as to the absence of infectious agents, this material and all patient samples should be handled as though capable of transmitting infectious disease and disposed of accordingly.</p> <p>For <i>in vitro</i> diagnostic use only. Do not pipette by mouth. Handle laboratory reagents in accordance with Good Laboratory Practice. May cause irritation to skin and eyes, may be irritating to mucous membranes and upper respiratory tract. Avoid contact with skin, inhalation and ingestion.</p> <p>This product contains sodium azide (<0.1%). Avoid ingestion, or contact with skin or mucous membranes. In the case of skin contact, flush affected area with copious amounts of water. In case of contact with eyes, or if ingested, seek immediate medical attention. Sodium azide reacts with lead and copper plumbing to form potentially explosive azides. When disposing of this control, flush with large volumes of water to prevent azide build up. Exposed metal surfaces should be cleaned with 10% sodium hydroxide.</p>	
Risk Phrases:	None	
Safety Phrases:	None	
SECTION 4		FIRST- AID MEASURES
Emergency First Aid:	Call an internal First Aider where available or else contact a Physician immediately. Direction for First Aider or Physician:	
Inhalation:	If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.	
Ingestion:	If swallowed wash out mouth with water provided person is conscious. Call a physician.	
Skin Contact:	In case of skin contact, immediately wash skin with soap and copious quantities of water.	
Eye Contact:	Flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating eyelids with fingers. Call a physician.	

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SECTION 5		FIRE- FIGHTING MEASURES	
Flash Point:	Not determined		
Flammable Limits:	Not determined		
Extinguishing media:	No restriction		
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.		
Unusual Fire and Explosion Hazards:	May emit toxic fumes under fire conditions		
Thermal Decomposition:	Not determined		
SECTION 6		ACCIDENTAL RELEASE MEASURES	
After Spillage:	<p>PRECAUTIONS</p> <p>Treat material as you would human body fluids. Disposal should, therefore include autoclaving at 121°C for 20 minutes prior to appropriate disposal with regard to regulations.</p> <p>Alternately, decontamination using 0.1% sodium hypochlorite is acceptable. Perform this type of decontamination in a fume hood.</p>		
Absorbent Material:	No restriction		
SECTION 7		HANDLING AND STORAGE	
Handling:	Wash thoroughly after handling. Do not use if skin is cut or scratched. Avoid contact with eyes, skin and clothing.		
Storage:	Store at temperatures and conditions as indicated on the product label.		
Do Not Store Together:	N/A		
SECTION 8		EXPOSURE CONTROLS/PERSONAL PROTECTION	
MEL/OES:	Not determined		
Respirator Protection:	None		
Eye Protection:	Protective glasses		
Hand Protection:	Standard laboratory rubber or latex gloves.		
Skin Protection:	A laboratory coat or apron is recommended.		
SECTION 9		PHYSICAL AND CHEMICAL PROPERTIES	
Physical State:	Liquid		
Colour:	Pale yellow		
Odour:	Mild odour		
pH Value:	Not determined		
Boiling Point:	Not determined		
Melting Point:	Not determined		
Flash Point:	Not determined		
Substance does not have any Oxidizing Properties:	Not determined		
Ignition Temperature:	Not determined		
Explosion Limits:	Not explosive		
Vapor Limits:	Not determined		
Density:	Not determined		
Solubility in Water:	Soluble		
Viscosity:	Not determined		

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SECTION 10	STABILITY AND REACTIVITY
Stability:	Stable
Conditions to Avoid:	Not determined
Substances to Avoid:	None known
Hazardous Decomposition Products:	Not determined
SECTION 11	TOXICOLOGICAL INFORMATION
LD50 Oral:	None known
LD50 Intraperitoneal:	None known
LD50 Skin:	None known
LC50 Inhalation:	None known
Toxicologic Information:	Not thoroughly investigated
SECTION 12	ECOLOGICAL INFORMATION
Water Hazard Class:	Data not yet available
SECTION 13	DISPOSAL CONSIDERATION
General Information:	<p>PRECAUTIONS</p> <p>Treat material as you would human body fluids. Disposal should, therefore include autoclaving at 121°C for 20 minutes prior to appropriate disposal with regard to regulations.</p> <p>Alternately, decontamination using 0.1% sodium hypochlorite is acceptable. Perform this type of decontamination in a fume hood.</p>
SECTION 14	TRANSPORT INFORMATION
GGVE/GGVS:	Data not yet available
ICAO/IATA-DGR:	Data not yet available
IMDG-CODE:	Data not yet available
RID/ADR:	Data not yet available
UN-Nr:	Data not yet available
MFAG:	Data not yet available
EMS:	Data not yet available
SECTION 15	REGULATORY INFORMATION
Hazard Symbol:	<p>This product contains no hazardous chemicals in reportable quantities according to CHIP 3.</p> <p>Biohazard, Harmful</p>
Risk Phrases:	None
Safety Phrases:	None
Precautions:	Biohazard, human-based material. See Section 3 of this document.
SECTION 16	OTHER INFORMATION
	This Safety Data Sheet complies to the European Community Directive 93/112/EC amended 91/115/EEC.
<p>The information herein is believed to be correct as of the date hereof, but is provided without warranty of any kind. The recipient of our products is responsible for observing any applicable National laws and guidelines.</p>	