

SECTION 1 - IDENTITY

NAME Cholestech GDX™ System		ADDRESS 3347 Investment Boulevard, Hayward, CA 94545-3808	
TELEPHONE NUMBER (800) 733-0404	FOR ADDITIONAL INFORMATION CONTACT: Technical Service		DATE PREPARED June 21, 2002
COMMON NAME (USED ON LABEL) Cholestech GDX A1C Test Cartridges		CHEMICAL FAMILY Does not apply	
CHEMICAL NAME Does not apply		FORMULA Does not apply	
TRADE NAME & SYNONYMS Cholestech GDX™, Trademark of Cholestech Corporation			

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	CAS #	% (wt)	TLV	PEL
Sample Buffer				
Sodium Azide	26628-22-8	0.1% w/v		
Triton X-100	9002-93-1	0.02% w/v		
Hepes/sodium Hepes	7365-45-9	0.5% w/v		
Magnesium Chloride	7791-18-6	<1% w/v		
Wash Buffers				
Sodium Azide	26628-22-8	0.1% w/v		
Hepes/sodium Hepes	7365-45-9	0.5% w/v		
Magnesium Chloride	7791-18-6	<1% w/v		
Elution Buffer				
Phenoxyethanol	64-19-7	0.5%v/v		
Ammonium Acetate	631-61-8	2% w/v		
Magnesium Chloride	7791-18-6	1% w/v		
Ultrawet 60	-	<0.001% v/v		

PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration (OSHA).
TLV: Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists, 1987-88.

SECTION 3 - PHYSICAL DATA

BOILING POINT Not determined	SPECIFIC GRAVITY (H ₂ O = 1)		VAPOR PRESSURE (mm Hg)
	Boronate Agarose 6XL	N/A	Not determined
	Sodium Azide	1.85	
	Triton X-100	1.07	
	Hepes/Sodium Hepes	N/A	
	Magnesium Chloride	1.57	
	Phenoxyethanol	1.10	
	Ammonium Acetate	1.07	
Ultrawet 60	1.02		

PERCENT VOLATILE BY VOLUME (%) Not determined	VAPOR DENSITY (AIR = 1) Not determined	EVAPORATION RATE (_____ - 1) Not determined
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SOLUBILITY IN WATER Some components are soluble	REACTIVITY IN WATER Not determined
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APPEARANCE AND ODOR Clear, no odor

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT Not determined	FLAMMABLE LIMITS IN AIR (% by VOLUME) LOWER: Not determined UPPER: Not determined
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EXTINGUISHING MEDIA Sample, Wash and Elution Buffers: Water, dry powder, carbon dioxide or appropriate foam may be used to extinguish. Plastic Mouldings: Water, dry powder, carbon dioxide of appropriate foam may be used to extinguish.	AUTO IGNITION TEMPERATURE Not determined
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UNUSUAL FIRE AND EXPLOSION HAZARDS Aqueous solution is not flammable but residue may emit toxic fumes on combustion. Plastic components are flammable.
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SPECIAL FIRE FIGHTING PROCEDURES None
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SECTION 5 - HEALTH INFORMATION

PRIMARY ROUTES OF EXPOSURE

Skin, eye, ingestion.

SIGNS AND SYMPTOMS OF EXPOSURE

- (1) ACUTE OVEREXPOSURE - None
(2) CHRONIC OVEREXPOSURE - None

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

None

CHEMICAL/COMPONENT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN None

NTP
 Yes
 No

IARC
 Yes
 No

OSHA
 Yes
 No

OTHER EXPOSURE LIMITS

None

EMERGENCY & FIRST AID PROCEDURES

Eye Contact – Irrigate eye for 10 minutes with water. Obtain medical attention.
Skin Contact – Wash off skin with water. Remove and wash contaminated clothing.
Ingestion – Harmful if swallowed. Wash out mouth with water. Drink plenty of water. Obtain medical attention.

SECTION 6 - REACTIVITY DATA

STABILITY

Unstable Stable

CONDITIONS TO AVOID

Not determined

INCOMPATIBILITY (MATERIALS TO AVOID)

Not determined

HAZARDOUS DECOMPOSITION PRODUCTS

Not determined

HAZARDOUS POLYMERIZATION

May Occur
Will Not Occur

CONDITIONS TO AVOID

Product performance will be impaired if stored for over 2 weeks at temperatures above ambient temperature. Functionality is not impaired after short periods (<2 days) at temperatures up to 55°C (131°F).

SECTION 7 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED

Sample, Wash and Elution Buffers – Wear protective gloves. If local regulations permit, mop up and rinse to waste with copious flow of water. Otherwise absorb on inert absorbant and transfer to biohazardous waste container for collection by waste contractor.

Sample, Wash and Elution Buffers contaminated with blood – Wear protective gloves. Absorb on inert absorbant and transfer to biohazardous waste container for collection by waste contractor. Clean surfaces with disinfectant.

WASTE DISPOSAL METHOD

Dispose of wastes in accordance with Federal, State, and Local codes.

Used test cartridges are biohazardous as the infectivity of the blood sample cannot be known before use. The product must be disposed of as biohazardous waste.

SECTION 8 - PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

Not required under normal and intended uses.

VENTILATION

General room ventilation

PROTECTIVE GLOVES

During the test procedure and while collecting or handling patient's blood sample wear protective gloves.

EYE PROTECTION

Not required

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

None

SECTION 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING

Store and handle according to packaged instructions. The product is not classified as requiring any special considerations and does not present any hazards during shipment.

OTHER PRECAUTIONS

No environmental hazard is anticipated provided the materials are handled and disposed of with due care and attention.