	<b>MedMira Laboratories Inc. Quality Management System</b>			
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<b>IDENTITY</b>	MedMira Universal Buffer
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### Section I – Identification of the Substance and Manufacturer

Manufacturer's Name MedMira Laboratories Inc.	Emergency Telephone Number 902-450-1588		
Address 155 Chain Lake Drive, Suite 1	Telephone Number for Information 902-450-1588		
Halifax, Nova Scotia	Date Prepared September 19, 2000	Last Revision Date October 6, 2006	
Canada B3S 1B3	Prepared by MedMira Quality Systems Department		

### Section II - Hazard Ingredients/Identity Information


Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%
Ethylenediaminetetraacetic acid (EDTA) (CAS No. 10378-23-1)	Not listed	Not listed	N/A	3.8
Sodium Azide (NaN <sub>3</sub> ) (CAS No. 26628-22-8)	0.1ppm	0.29mg/m <sup>3</sup>	N/A	0.1

### Section III – Physical/Chemical Characteristics

Boiling Point	~100°C	Specific Gravity (H <sub>2</sub> O=1)	~1.0
Vapor Pressure (mm Hg)	Not available	Melting Point	Not applicable
Vapor Density (AIR=1)	Not available	Evaporation Rate (Butyl Acetate=1)	Not available
Solubility in Water Soluble			
Appearance and Odor Clear liquid with slight yellowish tint, odorless			

### Section VI – Fire and Explosion Hazard Data

Flash Point (Method Used) Not applicable	Flammable Limits	LEL Not applicable	UEL Not applicable
Extinguishing Media Water spray, carbon dioxide, dry chemical powder or appropriate form			
Special Fire Fighting Procedures Wear self-contained breathing apparatus and appropriate clothing to prevent contact with skin and eyes.			
Unusual Fire and Explosion Hazards Emits toxic fumes under fire conditions.			


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### Section V – Reactivity Data

Stability	Unstable	Conditions to Avoid None		
	Stable X			
Incompatibility (Materials to avoid) Strong oxidizing agents, strong acids, copper, lead, metals and metal salts. May react with lead and copper plumbing to form highly explosive metal azides, if copious amounts of water are not used to flush during disposal.				
Hazardous Decomposition or Byproducts Toxic fumes of: carbon monoxide, carbon dioxide, nitrogen oxides				
Hazardous Polymerization	May Occur		Conditions to Avoid None	
	Will Not Occur	X		

### Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation X	Skin X	Ingestion X
Health Hazards (Acute and Chronic) Acute: May be harmful by inhalation, ingestion, or skin absorption. Causes eye and skin Irritation. Material is irritating to mucous membranes and upper respiratory tract.			
Carcinogenicity:	NTP Not listed	IARC Monographs Not listed	OSHA Regulated Not listed
Signs and Symptoms of Exposure Not available			
Medical Conditions Generally Aggravated by Exposure Not available			
Emergency and First Aid Procedures Immediately flush eyes with copious amounts of water for at least 15 minutes. In case of contact, immediately wash skin with soap and copious amounts of water. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If swallowed, wash out mouth with water provided person is conscious. Seek medical attention. Wash contaminated clothing before reuse.			

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### Section VII – Precautions for Safe Handling and Use

<b>Steps to Be Taken in Case Material is Released or Spilled</b> Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Ventilate area and wash spill site after material pickup is complete.
<b>Waste Disposal Method</b> Rinse down the drain with copious amounts of water to avoid the formation of metal azides when contacting metal plumbing. Observe all federal, state, and local environmental regulations.
<b>Precautions to Be Taken in Handling and Storage</b> None
<b>Other Precautions</b> None

### Section VIII – Control Measures

<b>Respiratory Protection (Specify Type)</b> None required		
Ventilation	Local Exhaust	Special
	Mechanical (General) Required	Other
Protective Gloves Rubber gloves	Eye Protection Chemical safety goggles	
<b>Other Protective Clothing or Equipment</b> Lab coat		
<b>Work/Hygienic Practices</b> Wash thoroughly after handling. Avoid contact and inhalation. Do not get in eyes, on skin, on clothing.		

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