

 AZER SCIENTIFIC		24 Hour Emergency CHEMTREC Telephone Number 1-800-424-9300	
		Material Safety Data Sheet Date Updated: 7/13/2009 Version 2.0	
SECTION 1 – PRODUCT & COMPANY INFORMATION			
Product Name:	Red Cal Buffer (High pH 7.383) Radiometer Blood Gas Analyzers	Company:	Azer Scientific
Catalog Number:	ES02-101	Street Address:	189 Twin County Road Morgantown, PA 19543 USA
		Telephone / Fax:	610-524-5810 • 610-901-3046
SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENT			
Chemical Family: Salt water solutions		Chemical Name: N/A	
Component	CAS Number	Concentration Ranges	EEC Symbol / Risk Phrases
Contains no hazardous ingredients with concentration greater than 1% or carcinogens with concentration greater than 0.1%			
SECTION 3 – HAZARDS IDENTIFICATION			
Eye Contact:	May cause irritation.	Inhalation:	N/A
Skin Contact:	May cause irritation.	Chronic Exposure:	N/A
Ingestion:	May cause vomiting.		
SECTION 4 – FIRST AID MEASURES			
Eye Contact:	In case of contact, immediately flush eyes with water for at least 15 minutes.		
Skin Contact:	In case of contact, immediately wash skin with soap and copious amounts of water.		
Ingestion:	If swallowed, wash out mouth with water. Call a physician.		
Inhalation:	N/A		
Chronic Exposure:	N/A		
SECTION 5 – FIREFIGHTING MEASURES			
Autoflammability:	Not determined.		
Extinguishing Media:	Use fire-extinguishing media appropriate for site conditions.		
Firefighting Gear:	Self-contained breathing apparatus and protective clothing should be sufficient.		
Specific Hazards:	Thermal decomposition may emit toxic fumes.		
SECTION 6 – ACCIDENTAL RELEASE MEASURES			
Spill & Leak Procedure:	Use an absorbent material to contain / pick up solution. Place all contaminated disposables into a suitable container. Seal, label, and hold for disposal.		
Protective Gear:	Chemical safety goggles and rubber gloves should be sufficient.		
SECTION 7 – HANDLING & STORAGE			
Storage Temperature:	Store materials as directed in the package insert.		
Handling Guidance:	Handle and store materials as directed in the package insert.		
SECTION 8 – EXPOSURE CONTROLS & PERSONAL PROTECTION			
Ventilation Guidelines:	Supplemental ventilation is not necessary with normal use of product.		
Respiratory Protection:	Respiratory protection is not necessary with normal use of product.		
Hand Protection:	Compatible chemical-resistant gloves should be sufficient.		

Eye-Protection:	Chemical safety goggles should be sufficient.		
Hygienic Procedure:	After handling, wash hands thoroughly with soap and water.		
Special Procedures:	N/A		
SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES			
Pure or Compound:	Compound	Physical Form:	Liquid
Appearance / Odor:	Aqueous Salt Buffers	Water Solubility:	Complete
Odor Threshold:	N/A	Boiling Point:	N/A
M. Point / F. Point:	N/A	Relative Density:	N/A
Oxidizing Properties:	N/A	Viscosity:	N/A
Partition Coefficient:	N/A	Volatiles:	N/A
Autoflammability:	N/A	Vapor Pressure:	N/A
Vapor Density:	N/A	Flash Point:	N/A
Evaporation Rate:	N/A		
Volatile%:	N/A		
SECTION 10 – STABILITY & REACTIVITY			
Stability:	Stable		
Materials to Avoid:	Strong bases, strong acids, and other water reactive materials.		
Hazardous Decomposition:	Thermal decomposition may emit toxic fumes.		
SECTION 11 – TOXICOLOGICAL INFORMATION			
Route of Entry: Ingestion, skin, and / or eye contact.			
Carcinogenicity:	None	Effects of Acute Exposure:	Not Known
Effects of Chronic Exposure:	Not Known	Target Organs:	Not Known
Special Health Effects:	Not Known		
SECTION 12 – ECOLOGICAL INFORMATION			
Biodegradability:	Not Known	Ecological Toxicity:	Not Known
Environmental Effects:	Not Known	Aqua Toxicity:	Not Known
SECTION 13 – DISPOSAL CONSIDERATIONS			
Waste Disposal:	Please consult local, state, and federal regulators for disposal guidance.		
Empty Container Warnings:	Not Known		
SECTION 14 – TRANSPORT INFORMATION			
Transport Guidance:	This substance is considered non-hazardous for ground and air transport.		
SECTION 15 – REGULATORY INFORMATION			
EEC Classification:	N/A		
Risk Phrases:	Not Known		
Safety Phrases:	Not Known		
SECTION 16 – OTHER INFORMATION			
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