



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:	Bottle #9 Cal 1 Solution (Glu / Lac) Radiometer 600 Analyzers	Company:	Azer Scientific
Catalog Number:	ES02-219	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.
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SECTION 15 – REGULATORY INFORMATION

EEC Classification:	N/A
Risk Phrases:	Not Known
Safety Phrases:	Not Known

SECTION 16 – OTHER INFORMATION

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