



AZER SCIENTIFIC

24 Hour Emergency  
CHEMTREC Telephone Number  
1-800-424-9300

**Material Safety Data Sheet**

Date Updated: 9/01/2004

Version 2.0

**SECTION 1 – PRODUCT & COMPANY INFORMATION**

Product Name:	Enzyme Linearity Control Ampule Fill with 6 Levels	Company:	189 Twin County Road
Catalog Number:	ES5021	Street Address:	Morgantown, PA 19543
		Telephone / Fax:	610-524-5810

**SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENT**

Chemical Family:	Enzymes in Bovine Albumin Serum	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:	Bovine Albumin Serum	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**

AZER SCIENTIFIC INC. MAKES NO REPRESENTATION AS TO THE COMPREHENSIVENESS OR ACCURACY OF THIS INFORMATION. INDIVIDUALS RECEIVING THIS INFORMATION MUST EXERCISE THEIR INDEPENDENT JUDGMENT IN DETERMINING ITS APPROPRIATENESS FOR A PARTICULAR PURPOSE. ACCORDINGLY, AZER SCIENTIFIC INC. WILL NOT BE RESPONSIBLE FOR DAMAGES OF ANY KIND OR NATURE RESULTING FROM THE USE OF ANY SUCH INFORMATION. NO REPRESENTATIONS OR WARRANTIES OF ANY KIND OR NATURE, INCLUDING BUT NOT LIMITED TO, EXPRESS WARRANTIES, IMPLIED WARRANTIES OF MERCHANTABILITY, OR WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE, ARE MADE HEREUNDER WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR TO THE PRODUCT TO WHICH THE INFORMATION REFERS.