

**MSDS****Material Safety Data Sheet**

24 HOUR EMERGENCY  
TELEPHONE NUMBER  
**CALL CHEMTREC**  
**1-800-424-9300**

189 Twin County Road • Morgantown, PA 19543 • (610) 524-5810

**Phosphate Buffer, pH 6.8****SECTION 1 PRODUCT INFORMATION**

NAME: Phosphate Buffer, pH 6.8  
AZER SCIENTIFIC ORDER NUMBERS: ES9275  
SYNONYMS: N/I  
CAS NO: Does not apply  
FORMULA: Does not apply  
DOT INFORMATION: Proper Shipping Name - "Diagnostic solutions" (Not Regulated)

\*\*\*\*LABEL HAZARD STATEMENT AND PRECAUTIONS\*\*\*\*

NOT FOR FOOD, DRUG, THERAPEUTIC OR HOUSEHOLD USE. Although this product does not normally require specific hazard precautions, chemical users should always take care to minimize personnel exposure and workplace contamination.

**SECTION 2 HAZARDOUS INGREDIENTS / COMPOSITION INFORMATION**

INGREDIENT/CAS NO	OSHA PEL	ACGIH TLV
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None present.		

**SECTION 3 PHYSICAL / CHEMICAL CHARACTERISTICS**

VAPOR PRESSURE (mm Hg): Miscible                      VAPOR DENSITY: N/E  
SPECIFIC GRAVITY: N/E                                      MELTING POINT (C): N/E  
EVAPORATION RATE: N/E  
APPEARANCE AND ODOR: Clear, colorless, odorless liquid.

**SECTION 4 FIRE / EXPLOSION HAZARD DATA**

NFPA RATINGS: (Estimated) HEALTH:1      FIRE:0      REACTIVITY:0  
FLASH POINT (C): Not combustible  
AUTOIGNITION TEMPERATURE (C): Does not apply  
FLAMMABLE LIMITS (%) UEL: Does not apply      LEL: Does not apply  
EXTINGUISHING MEDIA: Suitable for surrounding fire.  
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus with full face piece operated in pressure-demand or other positive-pressure mode.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: N/I

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## SECTION 5 REACTIVITY DATA

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STABILITY: Stable  
CONDITIONS TO AVOID: Excessive heat, sunlight.  
MATERIALS TO AVOID: N/I  
HAZARDOUS DECOMPOSITION PRODUCTS: N/I<sub>2</sub>  
HAZARDOUS POLYMERIZATION: Does not occur.

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## SECTION 6 HEALTH HAZARD DATA

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ROUTES OF ENTRY AND EFFECTS OF OVEREXPOSURE  
INHALATION: Not expected to have any adverse health effects when used as intended.  
SKIN CONTACT: Not expected to have any adverse health effects when used as intended.  
EYE CONTACT: Not expected to have any adverse health effects when used as intended.  
SKIN ABSORPTION: Not expected to have any adverse health effects when used as intended.  
INGESTION: Not expected to have any adverse health effects when used as intended.  
CHRONIC: May Not expected to have any adverse health effects when used as intended.  
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/I  
CARCINOGENICITY: None

### \*\*\*\*FIRST AID PROCEDURES\*\*\*\*

EYE CONTACT: Flush with water.  
SKIN CONTACT: Flush with water.  
INHALATION: Not expected to be an inhalation hazard.  
INGESTION: Not expected to be an ingestion hazard.

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## SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

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STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Absorb with inert material and containerize for disposal. Flush residue with water.  
WASTE DISPOSAL METHOD: Dispose in accordance with all applicable federal, state, and local environmental regulations.  
STORAGE: Store tightly closed in a cool place, out of direct sunlight.

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## SECTION 8 CONTROL MEASURES

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VENTILATION: Local or general.  
RESPIRATORY PROTECTION: Mist respirator if required.  
EYE PROTECTION: Chemical splash safety goggles and/or full face shield.  
SKIN PROTECTION: Gloves, lab coat.

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