

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 6.6**SECTION 1 PRODUCT INFORMATION**

NAME: Phosphate Buffer, pH 6.6
AZER SCIENTIFIC ORDER NUMBERS: ES927
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

SECTION 5 REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Excessive heat, sunlight.
MATERIALS TO AVOID: N/I
HAZARDOUS DECOMPOSITION PRODUCTS: N/I₂
HAZARDOUS POLYMERIZATION: Does not occur.

SECTION 6 HEALTH HAZARD DATA

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.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

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.

SECTION 8 CONTROL MEASURES

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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