

MATERIAL SAFETY DATA SHEET  
MERIDIAN DIAGNOSTICS, INC.  
3471 RIVER HILLS DRIVE  
CINCINNATI, OH 45244  
(513) 271-3700  
ADDITIONAL INFORMATION  
SAFETY OFFICER  
(513) 271-3700  
DATE OF PREPARATION: 05/15/95

-IDENTIFICATION-

NAME: PARA-PAK LV-PVA FIXATIVE CATALOG #'S: 900112, 300112, 300312,  
300612, 310112, 340060,  
330110, 330210, 380112,  
400212  
PARA-PAK PLUS LV-PVA CATALOG # : 350160  
PVA CONTROL SET CATALOG # : 801100

SYNONYM: LOW VISCOSITY POLYVINYL ALCOHOL FIXATIVE  
FORMULA: MIXTURE  
CAS #: NA  
EPA HAZARDOUS WASTE ID #: MERCURY 0009  
EPA HAZARD WASTE CLASS: MERCURIC CHLORIDE; EP TOXIC WASTE (E)

-HAZARDOUS COMPONENTS-

COMPONENTS	%	CAS #	ACGIH TLV	HAZARD(S)
ISOPROPANOL	28%	67-63-0	400 PPM TWA	FLAMMABLE IRRITANT
ACETIC ACID	5%	64-19-7	10 PPM TWA 15 PPM STEL	COMBUSTIBLE CORROSIVE IRRITANT
POLYVINYL ALCOHOL	5%	9002-89-5	ND	IRRITANT
MERCURIC CHLORIDE	3.4%	7487-94-7	100 MG/M3 (SKIN) TWA	HIGHLY TOXIC CORROSIVE

MIXTURE NOT TESTED AS A WHOLE. THE MIXTURE IS ASSUMED TO PRESENT THE SAME HEALTH HAZARDS AS DO THE COMPONENTS PRESENT AT >= 1.0% (0.1% FOR CARCINOGENS).

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-PHYSICAL AND CHEMICAL DATA-

APPEARANCE: COLORLESS LIQUID  
VAPOR PRESSURE: ND  
EVAPORATION RATE: ND  
PH: ND  
VOLATILE COMPONENTS: ND  
-PHYSICAL AND CHEMICAL DATA- (CONTINUED)

SOLUBILITY IN WATER: UNLIMITED  
ODOR: ALCOHOL

-FIRE AND EXPLOSION HAZARD DATA-

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FLASH POINT: 77 F  
EXTINGUISHING MEDIA: MEDIA APPROPRIATE FOR SURROUNDING FIRE CONDITIONS.  
FIRE FIGHTING PROCEDURES: WEAR SELF CONTAINED BREATHING APPARATUS AND  
PROTECTIVE CLOTHING.  
FIRE HAZARDS: MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.

-REACTIVITY DATA-  
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STABILITY: STABLE  
INCOMPATIBILITY: STRONG OXIDIZING AGENTS, STRONG BASE  
HAZARDOUS POLYMERIZATION: NO

-HEALTH HAZARD AND FIRST AID DATA-  
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EXPOSURE LIMITS: ND

EXPOSURE EFFECTS:  
EYE: IRRITATION, BURNING SENSATION  
SKIN: IRRITATION  
INHALATION: COUGHING, WHEEZING, LARYNGITIS, SHORTNESS OF BREATH, HEADACHE  
INGESTION: NAUSEA, VOMITING, PAIN, DEATH

FIRST AID: OBTAIN MEDICAL ATTENTION  
EYE: FLUSH WITH WATER FOR 15 MINUTES  
SKIN: FLUSH WITH WATER FOR 15 MINUTES  
INHALATION: REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL  
RESPIRATION.  
INGESTION: CONTACT PHYSICIAN IMMEDIATELY TO OBTAIN APPROPRIATE EMERGENCY  
TREATMENT.

-HANDLING AND STORAGE-  
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WEAR CHEMICAL SAFETY GOGGLES, CHEMICAL RESISTANT GLOVES AND PROTECTIVE  
CLOTHING. USE OSHA APPROVED RESPIRATOR IF TLV EXCEEDED. GENERAL MECHANICAL  
VENTILATION IS USUALLY ADEQUATE UNDER NORMAL USE. DO NOT EXCEED TLV.  
CONTAINERS POTENTIALLY HAZARDOUS WHEN EMPTY. DO NOT REUSE.

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-SPILL AND DISPOSAL PROCEDURES-  
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SPILL: ABSORB ON PAPER, VERMICULITE, ETC.  
WASTE DISPOSAL: CONSULT FEDERAL, STATE AND LOCAL REGULATIONS.

NA NOT APPLICABLE  
ND NOT DETERMINED

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE  
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