EASTMAN KODAK COMPANY
APPROVED BY U.S. DEPARTMENT OF LABOR
"ESSENTIALLY SIMILAR" TO FORM OSHA-20

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MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT NAME	Ethylene Glycol	SIZE	1 kg., 4 kg., & 5 gal.
CHEMICAL NAME	1,2-Ethanediol		
FORMULA	CH_2OHCH_2OH		
MANUFACTURER	EASTMAN KODAK COMPANY		
ADDRESS	343 STATE STREET, ROCHESTER, NEW YORK 14650		
FOR INFORMATION ON HEALTH HAZARDS CALL	(716) 458-1000 Ext. 85566		
FOR OTHER INFORMATION CALL	(716) 722-2121	INFORMATION EFFECTIVE AS OF	8/10/79

SECTION II HAZARDOUS INGREDIENTS OF MIXTURES

PRINCIPAL HAZARDOUS COMPONENT(S)	%	TLV (Units)

SECTION III PHYSICAL DATA

BOILING POINT (°F)	383°F (195°C)	SPECIFIC GRAVITY (H_2O=1)	1.113 (20/4)
VAPOR PRESSURE (mm Hg)	0.01 @ 20°C	PERCENT VOLATILE BY VOLUME (%)	Negligible
VAPOR DENSITY (AIR=1)	2.14	EVAPORATION RATE (=1)	----
SOLUBILITY IN WATER	Complete		
APPEARANCE AND ODOR	Clear, slightly viscous liquid; mild odor		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used) 240°F (116°C) COC		FLAMMABLE LIMITS	Lel 3.7% @ 275°F	Uel	
EXTINGUISHING MEDIA	CO_2, dry chemical, water				
SPECIAL FIRE-FIGHTING PROCEDURES	Air mask should be worn				
UNUSUAL FIRE AND EXPLOSION HAZARDS	None				

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

100 ppm (vapor). 10 mg/m^3 (particulates). ACGIH, 1978.

EFFECTS OF OVEREXPOSURE INHALATION: Prolonged exposure to high concentration of the heated vapor or mist can cause narcosis and may result in systemic toxic effects. INGESTION: Can cause abdominal pain, back pain, weakness, nausea, vomiting, tremors, convulsions, kidney and brain injury, and death. EYES: May cause irritation. SKIN: Prolonged contact may result in toxic amounts penetrating the intact skin.

EMERGENCY AND FIRST-AID PROCEDURES

INHALATION: Remove to fresh air. Get medical attention. INGESTION: Induce vomiting immediately by giving two glasses of water and touching back of throat with finger or blunt object. Call a physician. Never give anything by mouth to anunconscious person. EYES AND SKIN: Immediately flush areas of contact with plenty of water and get medical attention.

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE	CONDITIONS TO AVOID
	STABLE X	

INCOMPATIBILITY (Materials to avoid) Oxidizing materials

HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide

HAZARDOUS POLYMERIZATION		CONDITIONS TO AVOID
May Occur	Will Not Occur X	

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wearing suitable protective clothing, absorb spilled material on vermiculite. Place in fiber carton. Incinerate. Wash spill area well with soap and water.

WASTE DISPOSAL METHOD

Wearing suitable protective clothing, incinerate. State and local laws take precedence.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify Type) An approved self-contained breathing apparatus or air-line respirator

VENTILATION			
	LOCAL EXHAUST If heated or for mist	SPECIAL	No
	MECHANICAL (general) Yes	OTHER	No

PROTECTIVE GLOVES	EYE PROTECTION
Yes	Yes

OTHER PROTECTIVE EQUIPMENT: As necessary to prevent skin contact

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: None

OTHER PRECAUTIONS

None

The information herein is believed to be correct as of the date hereof, but is provided without