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



# MATERIAL SAFETY DATA SHEET

## SECTION I

PRODUCT NAME	Chloroform	SIZE	up to 5 gal
CHEMICAL NAME	Trichloromethane		
FORMULA	CHCl <sub>3</sub>		
MANUFACTURER	EASTMAN KODAK COMPANY		
ADDRESS	343 STATE STREET, ROCHESTER, NEW YORK 14650		
FOR INFORMATION ON HEALTH HAZARDS CALL		Business Hrs.:	716-588-5566
		After Business Hrs. & Holidays:	716-722-2571
FOR OTHER INFORMATION CALL (716) 722-2121	INFORMATION EFFECTIVE AS OF 2/3/81		

## SECTION II HAZARDOUS INGREDIENTS OF MIXTURES

PRINCIPAL HAZARDOUS COMPONENT(S)	%	TLV (Units)
Not Applicable		

## SECTION III PHYSICAL DATA

BOILING POINT (°F) 144°F (62°C)	SPECIFIC GRAVITY (H <sub>2</sub> O=1) 1.472 (25/4)
VAPOR PRESSURE (mm Hg) 140mm at 20°C	PERCENT VOLATILE BY VOLUME (%) 100%
VAPOR DENSITY (AIR=1) 4.1	EVAPORATION RATE ( =1) -----
SOLUBILITY IN WATER Slight	
APPEARANCE AND ODOR Colorless liquid; ethereal odor	

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used) None	FLAMMABLE LIMITS None	Lel	Uel
EXTINGUISHING MEDIA Not Applicable			
SPECIAL FIRE-FIGHTING PROCEDURES Not Applicable			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			

## SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

10ppm (ACGIH, 1980)

**EFFECTS OF OVEREXPOSURE** Inhalation: Prolonged exposure to high vapor concentrations or repeated exposures to low vapor concentrations causes CNS depression and may result in liver or kidney injury and possible cardiac sensitization. Eyes: Contact with the eyes causes irritation and may be painful. Skin: Prolonged or repeated contact causes defatting and cracking of the skin.

**EMERGENCY AND FIRST-AID PROCEDURES** Inhalation: Remove to fresh air. If not breathing, give artificial respiration or if breathing is difficult, give oxygen. Get medical attention. Eyes: Immediately flush eyes with plenty of water and get medical attention. Skin: Immediately flush areas with plenty of water while removing contaminated clothing and shoes.

## SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE	CONDITIONS TO AVOID
	STABLE x	
INCOMPATIBILITY (Materials to avoid)	Sodium and potassium metal (shock sensitive), aluminum or magnesium powder (explodes).	
HAZARDOUS DECOMPOSITION PRODUCTS	Thermal decomposition or burning may produce HCl or chlorine gas, phosgene	
HAZARDOUS POLYMERIZATION	CONDITIONS TO AVOID	
	May Occur	Will Not Occur x

## SECTION VII SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN** Wearing suitable protective clothing, absorb spilled material on vermiculite. Place in fiber carton, and incinerate. Wash spill area well with soap and water.

**WASTE DISPOSAL METHOD** Wearing suitable protective clothing, incinerate. Federal, state and local laws take precedence.

## SECTION VIII SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION**  
(Specify Type) Approved self-contained breathing apparatus or air-line respirator if necessary.

VENTILATION	LOCAL EXHAUST	Yes	SPECIAL	No
	MECHANICAL (general)	Yes	OTHER	No

**PROTECTIVE GLOVES** Yes      **EYE PROTECTION** 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** Laboratory studies have shown that this compound produces cancer in animals. Handle as a suspected carcinogen. Chronic exposure may cause embryo-fetal injury.