



September 28, 1981

Mr. Herbert W. Church
Purchasing Analyst
BIRD & SON
East Walpole, Mass. 02032

Dear Mr. Church:

As you asked, we are enclosing Material Safety Data Sheets for the products listed below.

Thank you for your request and your interest in Kodak products.

Very truly yours,

William J. Zimmer
Manager
Publications Data

WJZ:cn

Enc.

Request No. 5142

Material Safety Data Sheets are enclosed for the following Kodak chemicals:

Cat. #972 - Cyclohexanone



MATERIAL SAFETY DATA SHEET

900972

SECTION I

PRODUCT NAME:

SIZE: 500 g., 3 kg., & 5 Gal.

CHEMICAL NAME: Cyclohexanone

FORMULA: $C_6H_{10}O$

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: 10/16/72

SECTION II. HAZARDOUS INGREDIENTS OF MIXTURES

PRINCIPAL HAZARDOUS COMPONENT (S)	%	TLV (Units)

SECTION III. PHYSICAL DATA

BOILING POINT (°F.)	311	SPECIFIC GRAVITY (H ₂ O=1)	0.948
VAPOR PRESSURE (mm Hg.)	10 at 102	PERCENT VOLATILE BY VOLUME (%)	100
VAPOR DENSITY (AIR=1)	3.4	EVAPORATION RATE (_____=1)	
SOLUBILITY IN WATER	slightly soluble		
APPEARANCE AND ODOR	colorless liquid; oily; odor reminiscent of peppermint		

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	107°F (T.C.C.)	FLAMMABLE LIMITS	Lel	Uel
			1.6%	8.1%

EXTINGUISHING MEDIA Alcohol foam, CO₂, dry chemical

SPECIAL FIRE FIGHTING PROCEDURES

UNUSUAL FIRE AND EXPLOSION HAZARDS

SECTION V. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

50 ppm

EFFECTS OF OVEREXPOSURE

Narcosis occurs at high vapor concentrations.
Unpleasant odor provides good warning. No cumulative properties.

EMERGENCY AND FIRST AID
PROCEDURES

Remove promptly from high vapor exposure. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

SECTION VI. REACTIVITY DATA

STABILITY

UNSTABLE

STABLE

CONDITIONS TO AVOID

X

INCOMPATIBILITY

(Materials to avoid)

Oxidizing materials

HAZARDOUS

DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION

CONDITIONS TO AVOID

May Occur

Will Not Occur

Y

SECTION VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN
IN CASE MATERIAL IS
RELEASED OR SPILLED

Absorb on paper or sawdust. Burn in an incinerator. State and local laws take precedence.

WASTE DISPOSAL METHOD

Spray into fire box of an incinerator equipped with an afterburner and scrubber. Local and state laws take precedence.

SECTION VIII. SPECIAL PROTECTION REQUIREMENTS

RESPIRATORY PROTECTION
(Specify type)

SCBA or air line respirator for high conc.

VENTILATION

LOCAL EXHAUST

Preferred

SPECIAL

MECHANICAL (general)

Acceptable

OTHER

PROTECTIVE GLOVES

Rubber

EYE PROTECTION

Safety goggles

OTHER PROTECTIVE
EQUIPMENT

SECTION IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN
IN HANDLING AND STORING

Store away from strong oxidizers under conditions appropriate for a combustible solvent.

OTHER PRECAUTIONS