

MATERIAL SAFETY DATA SHEET

Biology

EASTMAN KODAK COMPANY
343 State Street
Rochester, New York 14650

For Emergency Health, Safety, and Environmental Information, call 716-722-5151
For other purposes, call 800-225-5352 (in New York State call 716-458-4014)

Date of Preparation: 08/12/85

Kodak Accession Number: 911136

SECTION I. IDENTIFICATION

- Product Name: 1,5-Cyclooctadiene
- Formula: C₈H₁₂
- CAT No(s): 135 7714; 135 7722
- Chem. No(s): 11136
- Kodak Hazard Rating Codes: R: 2 S: 3 F: 3 C: 0

SECTION II. PRODUCT AND COMPONENT HAZARD DATA

COMPONENT(S):	Percent	TLV(R)	CAS Reg. No.
1,5-Cyclooctadiene	GT 96	---	111-78-4

SECTION III. PHYSICAL DATA

- Appearance: Clear colorless liquid
- Boiling Point: 148 C (298 F)
- Vapor Pressure: 5.2 mmHg at 20 C
- Evaporation Rate (n-butyl acetate = 1): Not Available
- Volatile Fraction by Weight: approx 100 %
- Specific Gravity (H₂O = 1): 0.882
- Solubility in Water (by Weight): Negligible

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

- Flash Point: 32 C (90 F) Setaflash closed cup
- Extinguishing Media: Water spray; Dry chemical; CO₂
- Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.
- Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

- Stability: Stable
- Incompatibility: Strong oxidizers
- Hazardous Decomposition Products: Combustion will produce CO₂ and probably CO.
- Hazardous Polymerization: Will not occur.

R-0105.300

85-5621

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SECTION VI. TOXICITY AND HEALTH HAZARD DATA

- A. THRESHOLD LIMIT VALUE: Not established.
- B. EXPOSURE EFFECTS:
 - Inhalation: Vapor irritating.
 - Skin: Causes burns. Can cause allergic skin reaction.
 - Eye: Causes burns.
- C. FIRST AID:
 - Inhalation: Remove to fresh air. Treat symptomatically. If symptoms are present get medical attention.
 - Skin: Immediately flush skin with plenty of water for at least 15 minutes. Get medical attention if symptoms are present after washing.
 - Eye: Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.

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SECTION VII. VENTILATION AND PERSONAL PROTECTION

- A. VENTILATION:
 - Good general room ventilation should be used. Local exhaust may be needed.
- B. RESPIRATORY PROTECTION:
 - A NIOSH approved organic vapor respirator should be worn, if needed.
- C. SKIN AND EYE PROTECTION:
 - Protective gloves and clothing should be worn. Safety glasses, goggles, or a face shield should be worn.

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SECTION VIII. SPECIAL STORAGE AND HANDLING PRECAUTIONS

Keep from contact with oxidizing materials.
Classified as a flammable liquid. Keep away from heat, sparks and flame.
Use with adequate ventilation. Keep container closed.
Comply with all federal, state and local codes pertaining to the storage, handling, dispensing and disposal of flammable liquids.

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SECTION IX. SPILL, LEAK, AND DISPOSAL PROCEDURES

Remove all sources of ignition. Absorb material in vermiculite or other suitable absorbent and place in impervious container.
Dispose by incineration or contract with licensed chemical waste disposal agency. Discharge, treatment, or disposal may be subject to federal, state or local laws.

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For transportation information regarding this product, please phone the Eastman Kodak Distribution Center nearest you: Rochester, NY (716) 254-1300; Oak Brook, IL (312) 654-5300; Chamblee, Ga (404) 455-0123; Dallas, TX (214) 241-1611; Whittier, CA (213) 945-1255; Honolulu, HI (808) 833-1661.

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