

MATERIAL SAFETY DATA SHEET

EASTMAN KODAK COMPANY
343 State Street
Rochester, New York 14650

MS DS
SENT TO
SAFETY OFFICER
DATE 1-29-88

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

Date of Preparation: 05/11/87

Kodak Accession Number: 906724

SECTION I. IDENTIFICATION

- Product Name: 2-Methyl-3-butyn-2-ol
- Synonym(s): 2-Hydroxy-2-methyl-3-butyne
- Formula: C5 H8 O
- CAT No(s): 118 8135; 118 8150
- Chem. No(s): 06724
- Kodak's Internal Hazard Rating Codes: R: U S: U F: 3 C: U

SECTION II. PRODUCT AND COMPONENT HAZARD DATA

| COMPONENT(S): | Percent | ACGIH TLV(R) | CAS Reg. No. |
|-----------------------|---------|-----------------|--------------|
| 2-Methyl-3-butyn-2-ol | ca. 100 | --- | 115-19-5 |

SECTION III. PHYSICAL DATA

- Appearance: Colorless liquid
- Boiling Point: 105 C (221 F)
- Vapor Pressure: 12 mmHg at 20 C (68 F)
- Evaporation Rate (n-butyl acetate = 1): Not Available
- Volatile Fraction by Weight: ca. 100 %
- Specific Gravity (Water = 1): 0.87
- Solubility in Water: Complete

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

- Flash Point: 18 C (65 F) Tag closed cup
- Extinguishing Media: Water spray; Dry chemical; Carbon dioxide; "Alcohol" foam
- Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Water may be ineffective in fighting fire. Use water spray to keep fire-exposed containers cool.
- Unusual Fire and Explosion Hazards: Vapors are heavier than air and may travel along the ground or be moved by ventilation to an ignition source and flash back.

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SECTION V. REACTIVITY DATA

- Stability: Not fully evaluated. Materials containing similar functional groups can violently decompose at elevated temperatures.
- Incompatibility: Strong oxidizers
- Hazardous Decomposition Products: Combustion will produce carbon dioxide and probably carbon monoxide.
- Hazardous Polymerization: Will not occur.

SECTION VI. TOXICITY AND HEALTH HAZARD DATA

- A. EXPOSURE LIMITS: Not established.
- B. EXPOSURE EFFECTS:
The toxicological properties of this material have not been investigated. Exercise appropriate procedures to prevent opportunities for direct contact with the skin or eyes or to prevent inhalation.
- 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.
Ingestion: Drink 1-2 glasses of water or milk. Call a physician.

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 safety glasses should be worn.

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.
Potentially heat sensitive. Exercise caution if heating, especially in a closed vessel. Store in a cool place.
Keep away from fire.

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.

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.

The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.

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