

MATERIAL SAFETY DATA SHEET

EASTMAN KODAK COMPANY
343 State Street
Rochester, New York 14650

Butylbenzene

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 Revision: 05/05/88

Kodak Accession Number: 901507

SECTION I. IDENTIFICATION

- Product Name: tert-Butylbenzene
- Synonym(s): (1,1-Dimethylethyl)benzene
- Formula: C10 H14
- CAT No(s): 113 0020; 113 0038; 113 0046
- Chem. No(s): 01507
- Kodak's Internal Hazard Rating Codes: R: 1 S: 2 F: 3 C: 0

SECTION II. PRODUCT AND COMPONENT HAZARD DATA

COMPONENT(S):	Percent	ACGIH TLV(R)	CAS Reg. No.
tert-Butylbenzene	ca. 100	---	98-06-6

SECTION III. PHYSICAL DATA

- Appearance: Colorless liquid
- Boiling Point: 167 C (333 F)
- Vapor Pressure: 1.6 mmHg at 20 C (68 F)
- Evaporation Rate (n-butyl acetate = 1): Not Available
- Volatile Fraction by Weight: ca. 100 %
- Specific Gravity (Water = 1): 0.867
- Solubility in Water (by Weight): Negligible

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

- Flash Point: 34 C (94 F) Setaflash closed cup
- Extinguishing Media: Water spray; Dry chemical; Carbon dioxide; Foam
- Special Fire Fighting Procedures: Use water spray to keep fire-exposed containers cool.
- Unusual Fire and Explosion Hazards: None

SECTION V. REACTIVITY DATA

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

R-0063.700B

86-6897

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SECTION VI. TOXICITY AND HEALTH HAZARD DATA

- A. EXPOSURE LIMITS: Not established.

- B. EXPOSURE EFFECTS:
Inhalation: Low hazard for usual industrial handling.
Skin: Causes irritation.
Eye: No specific hazard known. Contact may cause transient irritation.
Ingestion: Expected to be a low ingestion hazard.

- C. FIRST AID:
Inhalation: Remove to fresh air following overexposure.
Skin: Immediately flush skin with plenty of water for at least 15 minutes. Get medical attention if symptoms are present after washing.
Eye: Flush eyes with plenty of water.
Ingestion: Vapor extremely irritating.

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SECTION VII. VENTILATION AND PERSONAL PROTECTION

- A. VENTILATION AND RESPIRATORY PROTECTION:
Good ventilation should be sufficient. Supplementary ventilation or respiratory protection may be needed in special circumstances.

- B. SKIN AND EYE PROTECTION:
Protective gloves and clothing should be worn.
Safety glasses or goggles should be worn.

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SECTION VIII. SPECIAL STORAGE AND HANDLING PRECAUTIONS

Classified as a flammable liquid. Keep away from heat, sparks and flame.
Keep from contact with oxidizing materials.
Use with adequate ventilation. Keep container cool.

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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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