

Label Identity: Bromobenzene

10/24/01

Product Name: Bromobenzene
Chemical Name: Bromobenzene (C₆H₅Br)

Synonyms: Benzene, bromo

RTECS: PB5600000

Hazardous Components: ;CAS # 108-86-1

Properties: Colorless liquid, MP-31°C, BP 156°C, VP 4 mm at 25°C, specific gravity 1.491

Health Hazard Data:

Toxicity data and References:

ORL-RAT; LD50	2699 mg/kg	BTPZAB 19(9), 36,75
IHL-MAM LC50	14400 mg/m ³	GTPZAB 18(4), 55,74
NTP Carcinogenesis studies: On test (prechronic studies) July 1987		
EPA Genetox program 1988, inconclusive: E. coli POLA with out S9		
EPA TSCA chemical inventory 1986		

Only selected registry of toxic effects of chemical substances data is reported here. See RTECS entry for complete information.

Health Hazard:

Exposure can cause stomach pains, vomiting, diarrhea.

Harmful if swallowed, inhaled, or absorbed through skin. Causes eye and skin irritation. Material is irritating to mucous membranes and upper respiratory tract. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Irritant harmful liquid

Target Organ: Damage to liver, kidneys.

Skin and eye irritation: Irritant. Keep away from skin, clothing and eyes.

Physical Hazards/Reactivity Data:

Irritant to eyes and skin.

Store at room temperature.

Incompatibilities: Strong oxidizing agents.

Hazardous Combustion or Decomposition Products:

Emits toxic fumes when exposed to fire conditions. Hydrogen chloride, other unknown gases emitted.
May cause fire or explosion on contact with other materials.

First Aid:

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. In case of contact, immediately wash skin with soap and copious amounts of water. If inhaled, remove to fresh air. If not breathing give artificial respiration. If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Control Measures:

Keep container closed and stored in an area which is cool and dry. Keep away from flames and high heat. Use adequate ventilation when dispensing or handling. Use in hood. Do not take internally. Wear goggles and gloves when handling. Avoid prolonged or repeated exposure to the solid with skin or lungs. Store in a cool, dry place. Avoid exposure to damp air or humid regions. If product is in a fire, use water, carbon dioxide, dry chemical powder or appropriate foam to extinguish. Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes. If spilled, wipe up using rubber gloves. Rinse with water. Do not use paper towels. Be sure that wiping materials are stored in a flame proof container. May cause spontaneous combustion.

The above information is believed to be correct, though not all inclusive. Kemtec shall not be held liable for damage or injury resulting from handling the above product. The materials provided by Kemtec are for use only in the procedures included in the kit and should be discarded in accordance with all applicable regulations within one year of purchase.