

## Sigma-Aldrich Btex Mix, HC

INGREDIENTS	CAS NO	%	8HR OEL
BENZENE	71-43-2	0.1-<1	3.2 mg/m3
METHANOL	67-56-1	>90	262 mg/m3
Toluene (Reference Fuel)	108-88-3	0.1-<0.3	191 mg/m3



UN No: 1230  
 Hazchem Code: •2WE  
 DG Class: 3  
 Subsidiary Risk: 6.1  
 Packing Group: II  
 Poisons Schedule: S6



## NFPA Rating:

- ▶ 0: Minimum
- ▶ 1: Low
- ▶ 2: Moderate
- ▶ 3: High
- ▶ 4: Extreme

## PROPERTIES



Liquid. Highly flammable.

## EMERGENCY



## FIRST AID

<b>Swallowed:</b>	Give water (if conscious). URGENT MEDICAL ATTENTION. Do NOT give milk or oil. Do NOT give alcohol.
<b>Eye:</b>	Wash with running water (15 mins). Medical attention.
<b>Skin:</b>	Flood body with water. Remove contaminated clothing. Wash with water
<b>Inhaled:</b>	Fresh air. Rest, keep warm. If breath shallow, give oxygen. Medical attention.
<b>Advice To Doctor:</b>	Decontaminate with ipecac or lavage. Ethanol therapy.
<b>Fire Fighting:</b>	Keep containers cool. Water spray/ fog. Foam - alcohol type.
<b>Spills and Disposal:</b>	Eliminate ignition sources. Consider evacuation. Prevent from entering drains. Contain spillage by any means. Absorb with dry agent. Stop leak if safe to do so. Take precautionary measures against static discharges. Dispose of this material and its container at hazardous or special waste collection point. This material and its container must be disposed of in a safe way. To clean the floor and all objects contaminated by this material, use water and detergent.

## SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS



Flammable Explosive Toxic Radioactive Oxidizing

x x x x x

x — Must not be stored together

## HEALTH HAZARD INFORMATION



## Acute Health Effects:

Toxic by inhalation.  
 Toxic in contact with skin.  
 Toxic if swallowed.  
 Toxic: Danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

## Chronic Health Effects:

May cause CANCER.  
 May cause heritable genetic damage.  
 Possible risk of harm to the unborn child.

\* — limited evidence

## PRECAUTIONS FOR USE



## Appropriate engineering controls:

Local Exhaust Ventilation recommended.

## Glasses:

Consider chemical goggles.

## Gloves:

1. PE/EVAL/PE 2. TEFLON 3. VITON

## Respirator:

Type AX Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

## Storage and Transportation:

Restrictions on Storage apply. Refer to Full Report. Take precautionary measures against static discharges. Dispose of this material and its container at hazardous or special waste collection point. Keep locked up. Keep out of reach of children. Keep away from living quarters. Keep container in a well ventilated place. Keep away from food, drink and animal feeding stuffs. Keep away from sources of ignition. No smoking.

## Fire/Explosion Hazard:

HIGHLY FLAMMABLE. Toxic smoke/fumes in a fire. Take precautionary measures against static discharges. Dispose of this material and its container at hazardous or special waste collection point. In case of fire and/or explosion, DO NOT BREATHE FUMES.