

# BUTENE, MIXED BUTENES, ISO-BUTENE

Chemical Names:

Butene\* or (Butylene)\*

Mixed Butenes\* (Butylenes)\*

Iso-Butene\*\* (Iso-Butylene)\*\* or (2-Methylpropylene)\*\*

Chemical Family:

Petroleum Hydrocarbon, Alkene, Olefin

Components - May Contain Variable Amounts of:

Butene\* or (Butylene\*) - usually high purity product

**Mixed Butenes (Butylenes):**

1-Butene\* (alpha-Butylene)\* (Ethylethylene)\*

2-Butene\*\* (beta-Butylene)\*\* (Pseudo-Butylene)\*\* (sym-dimethylethylene)\*\*

Iso-Butene\* (Iso-Butylene)\* usually contains only pure product.

**\*Asteriks indicate synonymous names**

Extinguishing Media:

Carbon Dioxide (CO<sub>2</sub>), dry chemical or water fog.

Special Fire Fighting Procedures and Precautions:

**EXTREMELY FLAMMABLE!** Do not extinguish flames due to possibility of explosive re-ignition. Shut off source of fuel if possible and allow fire to burn out. Extinguish small residual fires with dry chemical. Wear NIOSH/MSHA approved self-contained breathing apparatus. Water fog or spray may be used to cool exposed equipment and containers.

Fire and Explosion Hazards:

May cause flash fire. **EXTREMELY HAZARDOUS!** Material will ignite at ambient temperatures and can be expected to form flammable mixture upon release to the atmosphere. Vapors will seek low lying areas and travel back to ignition sources, causing an explosive flash fires. Runoff into sewers or drains may cause explosion hazard.

Health Hazards:

Contact with liquid may cause freeze burns to eyes and/or skin. High concentrations in air may cause dizziness, drowsiness and unconsciousness. Extremely high concentrations in air act as a simple asphyxiant by displacing oxygen.