

BUTADIENE

Chemical Names:

1, 3 Butadiene
Divinyl
Biethylene

Chemical Family:

Petroleum Hydrocarbon, Alkene, Olefin

Components - May Contain Variable Amounts of:

Butadiene
Butane
Isomeric Butanes
Isomeric Pentanes

Extinguishing Media:

Dry chemical, foam, CO₂ (Carbon Dioxide).

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. Clear fire area of unprotected personnel and isolate. Do not enter confined fire space without full bunker gear, including a NIOSH approved self-contained breathing apparatus. Use water spray to cool exposed surfaces.

Fire and Explosion Hazards:

DANGER! 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. Butadiene forms explosive peroxides and unstable polymers, keep away from oxidants, acetylides, peroxides, copper, copper alloys and air. Carbon monoxide and various unidentified organic compounds may be formed during combustion. Vapors are heavier than air and can travel a long distance along ground to an ignition source.

Health Hazards:

Contact with liquid product may result in skin and/or eye freeze burns. Vapors are irritating to nose, throat and respiratory tract. High vapor concentrations may cause CNS depression, evidenced by giddiness, headache, dizziness and nausea. In extreme cases, unconsciousness and death may occur.