

3-METHYL-1-BUTENE (C₅H₁₀)

Synonyms : 3-Methylbutene-1; 2-Methyl-3-butene; Isopropylethylene
Vinylisopropyl; alpha-isoamylene; Methyl Butene; Isoamylene



Gas Description

3-Methyl-1-Butene is an odourless, colourless, flammable, non-toxic, non-corrosive gas and is considered narcotic, an irritant and a very weak anesthetic.

3-Methyl-1-Butene has a gas density at STP 3.10 kg/m³.

Typical applications :

Manufacture of plastics by polymerization
Intermediate in organic synthesis
Manufacture of high octane fuel

Transport Regulations :

UN Number : 2561
Shipping Name :3-METHYL-1-BUTENE
Class : 3: Flammable Liquids
CAS Number : 563-45-1
Hazchem : 3[Y]E

[Click here](#) for MSDS
[Click here](#) for more information

Physical Properties

Chemical symbol : C₅H₁₀
Molecular weight : 70.135
Specific gravity (Air=1) : 2.549
Specific volume (m³/kg) : 0.343
Critical temperature : 171.5°C
Boiling point : NDA

Melting Point : NDA
Critical pressure (bar) : 31.1
Major hazards : Fire and Asphyxiant
Toxicity : None Established
Flammability Range : 1.5 - 8.7%
Odour : None

[Click here](#) for more information

Application

INDUSTRY

None

APPLICATION

No specific or significant industrial application for methyl-3-butene-1 has been found.

[Click here](#) for more information

3-Methyl-1-Butene

Gas

Typical impurities
(ppm molar)

Cylinder information

Cylinder Size Valve Connection Pressure (kPa) Contents (m³)

Available Upon Request
Call For Supply Information

Recommended Equipment

For further information [Contact](#) the specialty gases representative in your region.