

PROPYNE (C₃H₄)

Synonyms : Propyne; Allylene; Methylacetylene; 1-Propyne



Gas Description

Propyne is a colourless, flammable and toxic gas that has a narcotic quality. Propyne has a gas density at STP 1.6977 kg/m³.

Typical applications :

Organic synthesis
Special fuel for high flame temperatures

Transport Regulations :

UN Number : 1060
Shipping Name : METHYL ACETYLENE AND PROPADIENE MIXTURES, STABILIZED
Class : 2.1 Flammable gases
CAS Number : 74-99-7
Hazchem : 2WE

[Click here](#) for MSDS

[Click here](#) for more information

Physical Properties

Chemical symbol : C₃H₄
Molecular weight : 40.065
Specific gravity (Air=1) : 1.411
Specific volume (m³/kg) : 0.606
Critical temperature : 129.2°C
Boiling point : NDA

Melting Point : NDA
Critical pressure (bar) : 56.28
Major hazards : Fire and Inhalation
Toxicity : TWA 1000ppm STEL
Flammability Range : 1.7 - 16.8% ref N°262
Odour : Sweet

[Click here](#) for more information

Application

INDUSTRY

None

APPLICATION

No specific or significant industrial application for propyne-1 has been found.

[Click here](#) for more information

Propyne

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.