HiQ® Specialty Gases Finder.

Acetylene C2H2

CAS: 74-86-2   EC: 200-816-9   UN: 1001

HiQ Acetylene 2.6 AAS
HiQ Product Code: 2000
Purity >= 99.6% (Local specification may differ)

Impurities [ppm]
99.6% (Local specification may differ)   Air<=4,000   PH3<=5   H2S<=1

Typical Filling Pressure:  15 °C: 15 bar(a)   70 °F: 250 psi(g)

Characteristics
Flammable. Colourless gas with ether-like odour when very pure, otherwise garlic-like. Supplied dissolved in acetone or DMF (n,n-dimethylmethanamide). Can decompose instantaneously at pressures higher than 1 bar. Acetylene can be delivered as a non-dissolved gas for specific R&D applications.

Hazard classifications

EC C&L

EU GHS C&L - Reg 1272/2008
Signal Word: DANGER

R-Phrases

R5: Heating may cause an explosion
R6: Explosive with or without contact with air
R12: Extremely flammable

H-Statements

Physical Hazards

Dissolved Gas -> H280: Contains gas under pressure; may explode if heated
H220: Extremely flammable gas
EUH006: Explosive with or without contact with air

Applications of this gas in pure form, or component in a gas mixture.


This is a promotional data sheet, for a full Safety Data Sheet, please contact your local Linde subsidiary

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