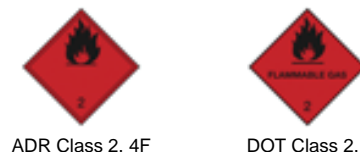


HiQ® Specialty Gases Finder.



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



R-Phrases

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

EU GHS C&L - Reg 1272/2008

Signal Word: **DANGER**



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.

Air quality monitoring, Analytical chemistry, Atomic Adsorption Spectroscopy (AAS), Calibration gas mixtures, Cutting metals, Emissions control, Environmental monitoring, Flame ionisation, Flame photometry, Fuel for energy, heat & propulsion, Instrument calibration, Instrument setup & operation, Laboratory & process control instrumentation, Medical applications, Metals cutting & welding, Process control instrument calibration, Process control instrument operation, Stack emissions testing, Welding metals

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

Linde AG

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