

Marking

CAS

Characterization acc. ADR

Cylinder Marking

74-86-2
UN 1001 ACETYLENE,
DISSOLVED, 2.1, (B/D)

Shoulder color: marron

Essential properties

dissolved gas, lighter than air, colorless, flammable, possibly exothermic self-ignition

Symbols of risks**Physical Properties**

molecular weight	26,038 kg/kmol
gas density at 0 °C and 1,013 bar	1,1775 kg/m ³
density ratio to air	0,9066
vapour pressure at 20 °C	43,26 bar

For additional safety information see safety data sheet

Valves / Manifolds

Valve connection

acc. to national regulations



Recommended Manifolds

Spectrotec

Specification / receptacles				
		Acetylene technical	Acetylene 2.6	
Composition				
C ₂ H ₂	≥	98	99.6	Vol.-%
Impurities				
PH ₃	≤	-	10	ppmv
H ₂ S	≤	-	10	ppmv

Remarks

Maximum output is limited due to technical reasons.

For reasons of stability acetylene is dissolved under pressure in a solvent (acetone or DMF). During withdrawal the gas contains solvent vapours.