

ETHYLENE 3.0 / C₂H₄



Applications

Laboratory Research
Chemical Synthesis

Transport information

Compressed gas cylinders

Proper shipping name Ethylene, compressed
UN-Nr 1962
ADR/RID Class 2
Classification code 2 F



Safety Data Sheets

Compressed gas : SDS-055A-CLP
Access: [https://www.msds-al.co.uk/assets/file_assets/SDS-055A_CLP_Ethylene\(74-85-1\).pdf](https://www.msds-al.co.uk/assets/file_assets/SDS-055A_CLP_Ethylene(74-85-1).pdf)

Physical information

Molecular weight 28,05 g/mol
Relative density:
Relative density, gas 0,97 (air=1)
Colour Colorless
Odor Sweet in parts
CAS number 74-85-1

Properties

Hazards identification: Extremely flammable, inhalation of vapors may cause drowsiness and dizziness

Flammability range: 2.4 to 32.6 (% vol in the air)



Cylinder equipment

Valve fittings

BS341 - No 4

Shoulder colour:

Red (RAL 3000)



Product Specifications

Global purity (% Vol. abs)	Impurities		Supply mode	Packaging size	Pressure	Capacity	Product reference
C ₂ H ₄							
≥ 99,9 %	O ₂	< 15 ppmv	Cylinder	50L	< 99 bar	16,8 kg	P1732L50R0A001
	C ₂ H ₆	< 500 ppmv					
	HC (CH ₄ +C ₂ H ₆)	< 1.000 ppmv					

Additional information

Storability: 60 months

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