

ETHANE 3.5 / C₂H₆



Applications

Laboratory Research
Combustion gas

Transport information

Liquified Gases

Proper shipping name	Ethane
UN-Nr	1035
ADR/RID	Class 2
	Classification code 2 F



Safety Data Sheets

Liquefied gas : SDS-051A-CLP
Access: [https://www.msds-al.co.uk/assets/file_assets/SDS-051A_CLP_Ethane\(74-84-0\).pdf](https://www.msds-al.co.uk/assets/file_assets/SDS-051A_CLP_Ethane(74-84-0).pdf)

Physical information

Molecular weight	30 g/mol
Relative density:	
Relative density, gas	1,05 (air=1)
Relative density, liquid	0,54 (water=1)
Colour	Colorless
Odor	odorless, foul smell product often added
CAS number	74-84-0

Properties

Hazards identification: Extremely flammable, can cause asphyxiation

Flammability range: 2.4 to 14.3 (% vol in the air)



Cylinder equipment

Valve fittings

BS341 - No 4

Shoulder colour:

Red (RAL 3000)



Product Specifications

Global purity (% Vol. abs) C ₂ H ₆	Impurities (ppm-mol)		Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,95 %	H ₂ O	< 5 ppm mol	Cylinder	10L	33 bar	3,6 kg	P0502S10R0A001
	O ₂	< 10 ppm mol	Cylinder	50L	33 - 37,6 bar	18,1 kg	P0502L50R0A001
	N ₂	< 40 ppm mol					
	CO ₂	< 5 ppm mol					
	CnHm	< 25 ppm mol (n>2)					
	CH ₄	< 25 ppm mol					
	C ₂ H ₄	< 350 ppm mol					
	H ₂	< 40 ppm mol					

Additional information

Storability: 60 months

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