

ETHANE N35 / C₂H₆



Air Liquide's Gas Encyclopedia - Pages: 521 - 528

Applications

Organic synthesis
R&D

Transport information

Liquified Gases

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



Safety Data Sheets

Liquefied gas : N° EIGA051A
Access: <https://be.airliquide.com/>

Physical information

Molecular weight	30 g/mol
Relative density:	
Relative density, gas	1 (air=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)

Personal protection: Ensure adequate ventilation. For full and more detailed information, please consult the Material Safety Data Sheet (MSDS).



Cylinder equipment

Valve fittings

Cylinder: B8 - W 21.8 x 1.814 left-hand, male

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 kg	P0502S10R0A001
	O ₂	< 10 ppm mol	Cylinder	50L	33 bar	14 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					

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