

ETHAN N25 / C₂H₆



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

Applications

Organic synthesis
R&D

Transport information

Compressed gas cylinders

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



Safety Data Sheets

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

Physical information

Molecular weight	30,07 g/mol
Relative density:	
Relative density, gas	1.05 (air=1)
Colour	Colorless
Odor	Odorless
CAS number	74-84-0

Properties

Hazards identification: Extremely flammable gas. Contains gas under pressure; may explode

Flammability range: Highly flammable

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
≥ 99,5 %	N ₂	≤ 200 ppm	Cylinder	10L	33 bar	3 kg	P0500S10R0A001
	O ₂	≤ 20 ppm	Cylinder	50L	33 bar	14 kg	P0500L50R0A001
	CnHm (n>2)	≤ 2.000 ppm					
	C ₂ H ₄	≤ 2.000 ppm					
	CH ₄	≤ 500 ppm					
	CO ₂	≤ 10 ppm					
	H ₂	≤ 250 ppm					
	H ₂ O	≤ 20 ppm					

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