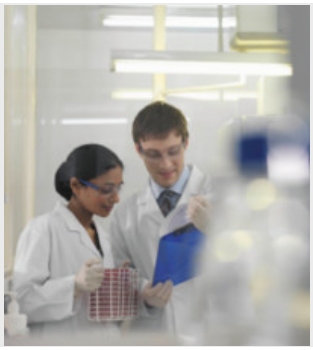
ETHANE 2.5 / C_2H_6



Applications

Laboratory Research
Combustion gas

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

Physical information

Molecular weight	30,07 g/mol
Relative density:	
Relative density, gas	1,05 (air=1)
Relative density, liquid	0,54 (water=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



Cylinder equipment

Valve fittings
BS341 - No 4
Shoulder colour:
Red (RAL 3000)



Product Specifications

Global purity (% Vol. abs) C_2H_6	Impurities (ppm-mol)		Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,5 %	N_2	≤ 200 ppm	Cylinder	10L	33 bar	0,31 m3	P0500S10R0A001
	O_2	≤ 20 ppm	Cylinder	50L	33 bar	1,5 m3	P0500L50R0A001
	CnHm (n>2)	≤ 2.000 ppm					
	C_2H_4	≤ 2.000 ppm					
	CH_4	≤ 500 ppm					
	CO_2	≤ 10 ppm					
	H_2	≤ 250 ppm					
	H_2O	≤ 20 ppm					

Additional information

Storability: 60 months

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