PROPANE 2.5 / C_3H_8



Air Liquide's Gas Encyclopedia - Pages: 601 - 620

Applications

Laboratory Research

Combustion gas

Transport information

Compressed gases

Proper shipping name	Propane
UN-Nr	1978
ADR/RID	Class 2
	Classification code 2 F



Safety Data Sheets

Compressed gas : SDS-104-CLP

Access: https://www.msds-al.co.uk/assets/file_assets/SDS-104_CLP_Propane(74-98-6).pdf

Physical information

Molecular weight	44 g/mol
Relative density:	
Relative density, gas	1,5 (air=1)
Relative density, liquid	0,58 (water=1)
Relative density, liquefied Gas	0,58 (water=1)
Colour	Colorless
Odor	Fetid
CAS number	74-98-6

Properties

Hazards identification: Extremely flammable, can cause asphyxiation

Flammability range: 1.7 to 10.8 (% vol in the air)



Cylinder equipment

Valve fittings

BS341 - No 4

Shoulder colour:

Red (RAL 3000)



Product Specifications

Global purity (% Vol. abs) C_3H_8	Impurities (ppm-mol)		Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,5 %	H_2O	< 5		10L	6,5 bar at 15°C	2,1 m3	P0542S10R0A001
	O_2	< 100		50L	6,5 bar at 15°C	10,5 m3	P0542L50R0A001
	N_2	< 400					
	CO_2	< 50					
	O_2 + Ar	< 4 500					
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Additional information

Storability: 60 months

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