

BUTANE N25 / N-C₄H₁₀



Air Liquide's Gas Encyclopedia - Pages: 697 - 704

Applications

Organic synthesis
R&D

Transport information

Liquified Gases

Proper shipping name	Butane
UN-Nr	1011
ADR/RID	Class 2 Classification code 2 F



Safety Data Sheets

Liquefied gas : N° EIGA014
Access: <https://be.airliquide.com/>

Physical information

Molecular weight	58 g/mol
Relative density:	
Relative density, gas	2.1 (air=1)
Colour	Colorless
Odor	odorless, foul smell product often added
CAS number	106-97-8

Properties

Hazards identification: Extremely flammable

Flammability range: 1.4 to 9.4 (% vol in the air)

Personal protection: Ensure adequate ventilation



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)	Impurities (ppm-mol)		Supply mode	Packaging size	Pressure	Capacity	Product reference
$N-C_4H_{10}$							
> 99,5 %	H ₂ O	< 50	Cylinder	83L DIP TUBE	0.75 bar	42 kg	P0642L83T0A001
	O ₂	< 200					
	N ₂	< 800					
	CO ₂	< 50					
	H ₂	< 100					
	iC ₄ H ₁₀	< 3000					
	other CnHm than iC ₄ H ₁₀	< 800					

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