

ISOBUTANE N25 / i-C₄H₁₀



Air Liquide's Gas Encyclopedia - Pages: 705 - 712

Applications

Organic synthesis
R&D

Transport information

Liquified Gases

Proper shipping name	Isobutane
UN-Nr	1969
ADR/RID	Class 2 Classification code 2 F



Safety Data Sheets

Compressed gas : N° EIGA075
Access: <https://be.airliquide.com/>

Physical information

Molecular weight	58 g/mol
Relative density:	
Relative density, gas	2 (air=1)
Colour	Colorless
Odor	odorless, foul smell product often added
CAS number	75-28-5

Properties

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

Flammability range: 1.5 to 9.4 (% 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

Shoulder colour:
Red (RAL 3000)



Product Specifications

Global purity (% Vol. abs) <u>i-C₄H₁₀</u>	Impurities (ppm mol)	Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,5 %	H ₂ O ≤ 50	Cylinder	83L DIP TUBE	1.6 bar	40 kg	P0630L83T0A001
	O ₂ ≤ 200					
	N ₂ ≤ 800					
	CO ₂ ≤ 50					
	CnHm ≤ 3800					
	H ₂ ≤ 100					

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