

ISOBUTANE N35 / i-C₄H₁₀



Air Liquide's Gas Encyclopedia - Pages: 705 - 711

Applications

GC-MS and LC-MS (Chemical ionization)

Transport information

Liquified Gases

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



Safety Data Sheets

Liquefied 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, can cause asphyxiation

Flammability range: 1.5 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) <u>i-C₄H₁₀</u>	Impurities (ppm-mol)	Supply mode	Packaging size	Pressure	Capacity	Product reference
> 99,95 %	H ₂ O < 5	Cylinder	10L DIP TUBE	1.6 bar	4,9 kg	P0632S10T0A001
	O ₂ < 10	Cylinder	83L DIP TUBE	1.6 bar	40 kg	P0632L83T0A001
	N ₂ < 40					
	CO ₂ < 5					
	CnHm < 400					
	H ₂ < 40					

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