

ISOBUTENE N25 / C₄H₈



Air Liquide's Gas Encyclopedia - Pages: 667 - 672

Applications

Organic synthesis
R&D

Transport information

Liquified Gases

Proper shipping name	Isobutene
UN-Nr	1055
ADR/RID	Class 2
	Classification code 2 F



Safety Data Sheets

Compressed gas : N° EIGA076
Access: <https://be.airliquide.com/>

Physical information

Molecular weight	56 g/mol
Relative density:	
Relative density, gas	2 (air=1)
Colour	Colorless
Odor	Odorless
CAS number	115-11-7

Properties

Hazards identification: Extremely flammable, can cause asphyxiation

Flammability range: 1.6 to 10 (% 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) C ₄ H ₈	Impurities (ppm weight in liquid phase)	Supply mode	Packaging size	Pressure	Capacity	Product reference
> 99,5 %	Total sulphur (S) < 1	Cylinder	10L DIP TUBE	1.3 bar	5,2 kg	P0620S10T0A001
	air+CnHm+CO ₂ +H ₂ O < 5000	Cylinder	50L DIP TUBE	1.3 bar	26 kg	P0620L50T0A001

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