

# ISOBUTENE N25 / C<sub>4</sub>H<sub>8</sub>



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. For full and more detailed information, please consult the Material Safety Data Sheet (MSDS).



## 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 <sub>4</sub> H <sub>8</sub>	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 <sub>2</sub> +H <sub>2</sub> O	< 5000	Cylinder	50L DIP TUBE	1.3 bar	26 kg	P0620L50T0A001

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