

Cis-2-Butene

CAS# 590-18-1
Product# 315215

DESCRIPTION: Cis-2-Butene is a colorless gas.

USES: Intermediate in organic synthesis

TYPICAL PHYSICAL & CHEMICAL PROPERTIES:

Purity:	99.0% minimum
Molecular Formula:	C ₄ H ₈
Molecular Weight:	56.11
Liquid Density (1.013 bar at boiling point):	0.6412 g/cm ³ ¹
Boiling Point (1.013 bar):	3.7°C ¹ (38.66°F)
Odor:	Characteristic

TYPICAL IMPURITIES:

Trans-2-Butene

SHIPPING CLASS: UN1012, BUTYLENE , 2.1

STORAGE:

Store in LPG cylinders with diptube at ambient temperatures.
Avoid direct sunlight.

SAFETY DATA SHEET (SDS): A Safety Data Sheet is available upon request.

Cylinder Model/Size	Standard Package Size (Kg)	CGA with diptube (liquid withdrawal)	CGA without diptube (vapor withdrawal)
Lecture Bottle	0.225	n/a	CGA 180
5 lb	2.5	CGA 510	CGA 510
11 lb	5.0	CGA 510	CGA 510
20 lb	10.0	CGA 510	CGA 510
100 lb	56.7	CGA 510	CGA 510
420 lb	245.0	CGA 510	CGA 510

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¹ Air Liquide, Gas Encyclopedia, <http://encyclopedia.airliquide.com/encyclopedia.asp> (11/5/13)

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