

## Trans-2-Butene

CAS# [624-64-6]

Product # 315240

**DESCRIPTION:** Trans-2-Butene is a colorless gas.**USES:** Intermediate in organic synthesis**TYPICAL PHYSICAL & CHEMICAL PROPERTIES:**

Purity:	99.0% Minimum
Molecular Formula:	C <sub>4</sub> H <sub>8</sub>
Molecular Weight:	56.11
Boiling Point (1.013 bar):	0.8°C <sup>1</sup>
Liquid Density (1.013 bar at boiling point):	0.626 g/cm <sup>3</sup> <sup>1</sup>
Odor:	Characteristic

**TYPICAL IMPURITIES:**

Cis-2-Butene

**SHIPPING CLASS:** UN1012, BUTYLENE , 2.1**STORAGE:**Store in LPG cylinders with dip tube 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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<sup>1</sup> Air Liquide, Gas Encyclopedia, <http://encyclopedia.airliquide.com/encyclopedia.asp> (10/23/13)