

Technical Data Sheet

Trans-2-Butene

CAS# 624-64-6 Item # 408.99

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

USES: Intermediate in organic Synthesis

PHYSICAL & CHEMICAL PROPERTIES:

Attribute Typical Value

Formula Weight: 56.11

Purity 99% Min.

Boiling Point 1°C (33.8°F) Estimated

Flash Point -73°C (-99.4°F)

Autoignition: NDA

VAPOR DENSITY (AIR=1): 1.9

Density: 5.07 lb/gal Liquified @ 16 °C

Specific Gravity (H₂O=1, at 4°C) : 0.61 @ 16.5 °C

SHIPPING CLASS: UN1012, BUTYLENE , 2.1

STORAGE:

Store in LPG cylinders with dip tube at ambient temperatures.

Avoid direct sunlight.

TYPICAL IMPURITIES:

Cis-2-Butene <1%

MATERIAL SAFETY DATA SHEET (MSDS): An MSDS is available upon request

Cylinder Size Net Weight CGA with diptube

(liquid withdraw)

Cylinder Size	Net Weight	CGA with diptube
11 lb	13 lb	CGA 510
20 lb	25 lb	CGA 510
40 lb	49 lb	CGA 510
60 lb	73 lb	CGA 510
100 lb	122 lb	CGA 510