



1-BUTENE 1-C₄H₈

Colorless, flammable, liquefied gas with a mildly aromatic odor.

SHIPPING INFORMATION

D.O.T. Proper Shipping Name: Butylene
I.D. Number: UN1012
Hazard Class: 2.1
Shipping Labels: Flammable gas

TECHNICAL INFORMATION

Molecular Weight: 56.108
Specific Volume: 6.7 ft³/lb.
CAS Registry: 106-98-9
Safety Data Sheet Reference: 1-Butene

PRODUCT GRADE SPECIFICATIONS

Grade Name	Grade	Minimum Purity	Grade Code	Catalog Number ¹	Maximum Impurity Specifications in PPM by Volume (unless otherwise specified) ²		
					H2O	Sulfur	Sum of all Impurities ³
Research	4.0	99.99%	RES	1BU RES-	2	1	100
Instrument	2.5	99.5%	INS	1BU INS-	10	0.5	< 0.5%
Chemical Pure	2.0	99%	CP	1BU CP-	10	0.5	< 1%

Notes: ¹ Complete catalog number by selecting cylinder size code using chart below.

² Liquid Phase Analysis. Specifications are typical results and are subject to change without notice.

³ A complete list of impurities is available upon request.

CYLINDER INFORMATION

Cylinder Size	Cylinder Size Code	Volume lbs. ⁴	Pressure (PSIG) @ 70° F.	Valve Connection CGA ⁵	Gross Weight (lbs.)
Low Pressure Steel Cylinders					
Jumbo	HTN	540	23.5	510 / 555 SIPHON	874
350	LP25	128	23.5	510 / 555 SIPHON	207
LP5	LP5	25	23.5	510 / 555 SIPHON	42

Notes:

⁴ This product is sold by the cylinder. Fill volumes are approximate and may vary slightly depending on the cylinder manufacturer's specifications.

⁵ Siphon tube with a CGA 555 for liquid withdrawal is available upon request. Add "S" at end of cylinder size code.

Contact your WestAir representative about equipment recommendations for this product.