

1-Butene (1-C₄H₈)

A flammable non-corrosive and non-toxic, liquified gas.

Purity Specifications	Minimum Purity	Other Hydrocarbons	N ₂	O ₂	H ₂ O
Instrument	99.5%	< 4500	< 400	< 100	< 5
Chemically Pure (CP)	99.0%				

Concentrations given are ppm by volume unless otherwise specified.

PRODUCT	Ordering Information					Equipment Recommendations		
	Cylinder Size	Contents lbs	Standard Valve Outlet (CGA)	Product Number	Cylinder Pressure at 70°F (psig)	Description Product Number	Delivery Pressure Range (psig)	Page Number
Instrument	350 LP5	120 24	510 510	T1 I350 T1 IL5	23.5 23.5	Single-Stage Regulator Y11-LC241A510	0-15	E12
	Certificate of Conformance provided upon request.							
Chemically Pure (CP)	350 LP5	120 24	510 510	T1 CP350 T1 CPL5	23.5 23.5	Single-Stage Regulator Y11-LC241A510	0-15	E12
	Certificate of Conformance provided upon request.							

Technical Data & Shipping Information	
Molecular Weight	56.11
Specific Volume	6.9 cf/lb @70° F
Flammability Limits in Air	1.6 - 10% in Air
U.S. DOT Name	Butylene
ID Number	UN 1012
U.S. DOT Hazard Class	2.1
U.S. DOT Label	Flammable Gas
CAS Registry	106-98-9

2-Butenes (2-C₄H₈)

A flammable, colorless, liquified gas.

Purity Specifications	Minimum Purity
Chemically Pure (CP)	99.5%

PRODUCT	Ordering Information					Equipment Recommendations		
	Cylinder Size	Contents lbs	Standard Valve Outlet (CGA)	Product Number	Cylinder Pressure at 70°F (psig)	Description Product Number	Delivery Pressure Range (psig)	Page Number
Chemically Pure (CP)	1/2 TON	523	510	2B CPHTN	15	Single-Stage Regulator Y11-LC241A510	0-15	E35
	Certificate of Conformance provided upon request.							

Technical Data & Shipping Information	
Molecular Weight	56.11
Specific Volume	6.9 cf/lb @70° F
Flammability Limits in Air	1.8 - 9.7% in Air
U.S. DOT Name	Butylene
ID Number	UN 1012
U.S. DOT Hazard Class	2.1
U.S. DOT Label	Flammable Gas
CAS Registry	
cis-2-Butene	590-18-1
Trans-2-Butene	624-64-6