

PURE GASES

CIS-2-BUTENE C₄H₈

General Characteristics: A colorless, flammable and liquefied gas with a detectable odor.

Health Hazards: A simple asphyxiant.

GAS GRADE/PURITY SPEC.	CYLINDER SIZE	CONTENTS	EQUIPMENT RECOMMENDATIONS
C.P. Min. Purity 99.0% (Liquid Phase)	010 LB	5.0 kg 170 g	Single-stage high purity regulator, refer to page 140 High purity lecture bottle regulator, refer to page 146

TECHNICAL INFORMATION

Molecular Weight.....	56.11	Dot Name.....	Liquefied Petroleum Gas
Specific Volume.....	6.7CF/lb	UN No.....	UN1075
Fire Potential.....	1.6 - 9.7% in Air	Dot Class.....	2.1
TLV-TWA.....	None established	Dot Label.....	Flammable Gas
CGA Valve.....	510	Cas Registry.....	590-18-1
LB.....	180	Cylinder Pressure @ 70°F.....	13 psig

TRANS-2-BUTENE C₄H₈

General Characteristics: A colorless, flammable and liquefied gas with a detectable odor.

Health Hazards: A simple asphyxiant.

GAS GRADE/PURITY SPEC.	CYLINDER SIZE	CONTENTS	EQUIPMENT RECOMMENDATIONS
C.P. Min. Purity 99.0% (Liquid Phase)	010 LB	5.0 kg 170 g	Single-stage high purity regulator, refer to page 140 High purity lecture bottle regulator, refer to page 146

TECHNICAL INFORMATION

Molecular Weight.....	56.11	Dot Name.....	Liquefied Petroleum Gas
Specific Volume.....	6.7CF/lb	UN No.....	UN1075
Fire Potential.....	1.8 - 9.7% in Air	Dot Class.....	2.1
TLV-TWA.....	None established	Dot Label.....	Flammable Gas
CGA Valve.....	510	Cas Registry.....	624-64-6
LB.....	180	Cylinder Pressure @ 70°F.....	15 psig

CIS AND TRANS-2-BUTENE

General Characteristics: A colorless, flammable and liquefied gas with a detectable odor.

Health Hazards: A simple asphyxiant.

GAS GRADE/PURITY SPEC.	CYLINDER SIZE	CONTENTS	EQUIPMENT RECOMMENDATIONS
C.P. Min. Purity 99.0% (Liquid Phase)	18 LP LB	7.7 kg 170 g	Single-stage high purity regulator, refer to page 140 High purity lecture bottle regulator, refer to page 146

TECHNICAL INFORMATION

Molecular Weight.....	56.11	UN No.....	UN1075
Specific Volume.....	6.7CF/lb	Dot Class.....	2.1
Fire Potential.....	1.6 - 9.7% in Air	Dot Label.....	Flammable Gas
CGA Valve.....	510	Cas Registry.....	N/A
LB.....	180	Cylinder Pressure @ 70°F.....	15 psig
Dot Name.....	Liquefied Petroleum Gas		