

1,3 Butadiene



Transportation Information

UN Number: 1010



Shipping Name	Butadienes, Stabilized	Butadienes, Stabilized	Butadienes, Stabilized
Hazard Class	2.1	2.1	2.1
Label	Flammable Gas	Flammable Gas	Flammable Gas

(M)SDS Reference

P-4571

CAS Number

106 - 99 - 0

General Description

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

Product/Grade	Purity	Part Number	Cylinder	H ₂ O	Butadiene Dimer	Butenes	Sulfur
Chemically Pure (CP), 2.0	99.0 wt% (liquid phase)	BD 2.0	FX/FXS, ⁽¹⁾ LP5	-	-	-	-

Concentrations given are ppm by volume unless otherwise specified. Maximum ppm unless otherwise noted.

⁽¹⁾ FXS cylinders include eductor tube.

Cylinders

Cylinder Type	Style	Size in (cm)	Connection CGA	Pressure psig (bar)	Volume lbs (kgs)	Gross Weight lb (kg)
FX/FXS	Low Pressure Steel	45 x 15 (114.3 x 38.1)	510, 555	21.4 (1.48)	129 (58.5)	203 (92)
LP5	Low Pressure Steel	17.7 x 12 (44.8 x 30.5)	510	21.4 (1.48)	25 (11.36)	45 (20.45)

Equipment Recommendations



2002 Series – High Purity Economical Regulator (see page E•257)



See Section D for additional information on Praxair products for the Hydrocarbon Processing Industry (pages D•175 - D•184).

Due to extreme reactivity and tendency to polymerize, 1,3- Butadiene is shipped with an inhibitor.