



Pure Gases

1,3 Butadiene

Transportation Information

UN Number: 1010



United States of America



Canada



Mexico

Shipping Name	United States of America	Canada	Mexico
Shipping Name	Butadienes, Stabilized	Butadienes, Inhibited	Butadienes
Hazard Class	2.1	2.1	2.1
Label	Flammable Gas	Flammable Gas	Flammable Gas

Formula

C₄H₆

MSDS Reference

P-4571

CAS Number

106 - 99 - 0

General Description

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

Product and Package Information

Part Number	Product Grade	Quality Assay/ Specification	Cylinder Style	Content	Regulator Recommendations See Section F, Page 2
BD 2.5IS	2.5 Instrument	99.5 wt% (liquid phase) Propadiene < 5 ppm/w 1,2 Butadiene < 10 ppm/w Butadiene dimer < 400 ppm/w Butenes < 4000 ppm/w C5 < 50 ppm/w Sulfur < 1 ppm/w	FX/FXS*	135 lb/61.22 kg	300 Series: Non-corrosive
BD 2.0	2.0	99.0 wt% (liquid phase) Propadiene < 5 ppm/w 1,2 Butadiene < 50 ppm/w Butadiene dimer < 1000 ppm/w Butenes < 5000 ppm/w C5 < 100 ppm/w Sulfur < 1 ppm/w	FX/FXS*	135 lb/61.22 kg	300 Series: Non-corrosive

* FXS cylinders include eductor tube.

When ordering, please add the desired cylinder style to the end of the above part number.

Add "S" for eductor tube (BD 2.5IS-**FXS**)

See Sections E for additional information on Praxair products for the Hydrocarbon Processing Industry (E12-E15)

Cylinder Information

Cylinder Style	Connection CGA	Pressure psig/bar	Gross Weight lb/kg
FX/FXS	510	21.4/1.48	227/103

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