

Odorized Compressed Natural Gas (CNG)/(LNG)

UN1971 Natural Gas Compressed / UN1972 Natural Gas Refrigerated Liquid (Also see Methane Cryogenic)

A flammable, colorless hydrocarbon gas mixture consisting primarily of Methane. CNG is shipped in high pressure containers and may be odorized to make it detectable. LNG is stored and transported as a cryogenic refrigerated liquid at -259F.

Product & Packaging Information

Purity	Cylinder Size	Contents	Cylinder Pressure 70F	Standard Valve Outlet (CGA)
CNG 94.0%-99.9%	300	360 scf	2400	350
	200	300 scf	2265	350
LNG 94.0%-99.9%	20 ft ISO	15,898 lb	N/A	LNG 300
	40 ft ISO	34,785 lb	N/A	LNG 300

Product Data	
Molecular Weight	16.04
Specific Volume CNG	24.1 cf / lb @ 70F-83 cf / gal
Specific Volume LNG	3.552 lb / gal @ -259F
Flammability in Air	5.0-15% in Air
U.S. D.O.T. Name CNG	Natural Gas, Compressed
U.S. D.O.T. Name LNG	Natural Gas, Refrigerated Liquid
U.S. D.O.T. Hazard Class Label CNG	2.1 Flammable Gas
U.S. D.O.T. Hazard Class Label LNG	2.1 Flammable Liquid
Refrigerant Number	R-50

