

Nitrous Oxide

Description

Formula: N_2O
 Synonyms: Nitrogen Monoxide, Dinitrogen Monoxide, Laughing Gas

Gas Data

Molecular Weight: 44.01
 Density: 1.947 kg/m³ @ 21.1°C, 101.325 kPa
 0.1215 lb/ft³ @ 70°F, 14.696 psia
 Specific Volume: 0.5136 m³/kg @ 21.1°C, 101.325 kPa
 8.230 ft³/lb @ 70°F, 14.696 psia

Shipping Information

CAS Registry Number: 10024-97-2
 UN Number: UN 1070
 ECCN Number: EAR99
 DOT Proper Shipping Name: Nitrous Oxide
 DOT Classification: 2.2 (Nonflammable Gas)
 DOT Label: NON-FLAMMABLE GAS,
 OXIDIZER
 TC Shipping Name: Nitrous Oxide, Compressed
 TC Classification: 2.2, 5.1
 TC Label: NON-FLAMMABLE GAS,
 NON-POISONOUS GAS,
 OXIDIZER

Cylinder Specifications

Cylinder Size	Content		Valve Outlet CGA No.
	US	Metric	
56#	56 lb	12.80 kg	326
20#	20 lb	4.57 kg	326