

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

Industrial Gases

Cylinder Size	Nominal Contents		Valve Outlet CGA No.
	US	Metric	
56#	56 LBS	25.40 KG	326
20#	20 LBS	9.07 KG	326

⚠ WARNING: This product can expose you to chemicals including Nitrous Oxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.



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