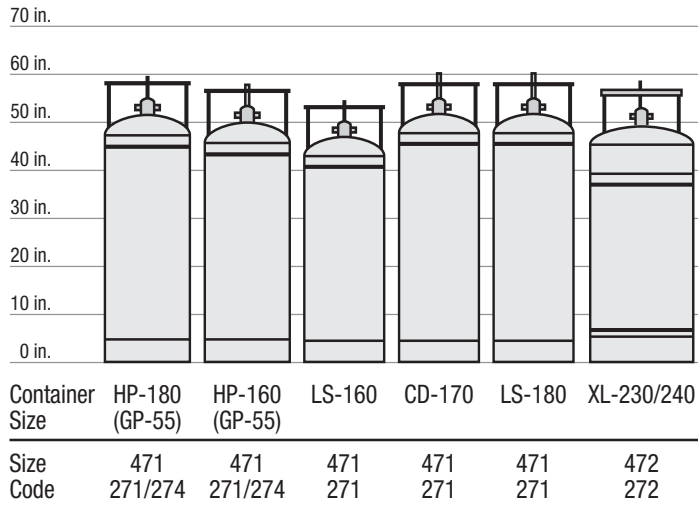


Nitrogen N.F. Cryogenic Liquid

Colorless, odorless, nonflammable cryogenic liquid

Cryogenic Containers



Major Hazards: High Pressure and Asphyxiation
 Toxicity: Nontoxic
 Fire Potential: Nonflammable
 Boiling Point (°F): -320.4
 Molecular Weight: 28.01
 Specific Gravity: 0.967
 Critical Temperature (°F): -237.8
 Critical Pressure (psia): 492.45
 Specific Volume (cf/lb): 13.8
 UN No.: 1977

DOT Designation

Name: Nitrogen, Refrigerated Liquid
 Label: Green, Nonflammable Gas

Hazard Classification: 2.2

PURITY SPECIFICATIONS

Purity : Nitrogen \geq 99.0%
 Odor: None

$CO \leq 10ppm$
 $O_2 \leq 1.0\%$

MSDS

P-4630

CYLINDER SPECIFICATIONS

Equipment Recommendations

Ordering Number	Cylinder Size	Nominal Contents	Pressure (psig) @ 70°F	CGA Connection	Regulator
NI MLC160-230	160 L	3690 cu ft	230	GAS-580 / LIQUID-295	WESM1-580-P WESM1-580-PG
NI MLC160-22	160 L	3690 cu ft	22	GAS-580 / LIQUID-295	N/A
NI MLC180-230	180 L	4110 cu ft	230	GAS-580 / LIQUID-295	WESM1-580-P WESM1-580-PG
NI MLC180-22	180 L	4110 cu ft	22	GAS-580 / LIQUID-295	N/A
NI MLC230-22	LC230	5023 cu ft	22	GAS-580 / LIQUID-295	N/A

Color Code :

Shoulder Color: N /A

Body Color : N /A

Medical Applications

As a component in many gas mixtures; as a displacement medium in pharmaceutical vials; as used in dermatology; as a propellant in pressurized aerosol type dispensers; as a coolant for carbon dioxide surgical lasers, and as a source of pneumatic pressure to power gas operated medical devices.