

NITROGEN 4.8 / N₂



Applications

Carrier Gas (GC), Cryogenic Fluid (liquid N₂),
Inerting Agent, Pressurizing Agent,
Process Gas (LCMS etc.),
Protective Atmosphere (food), Purge and Zero Gas.

Transport information

Compressed gases

Proper shipping name	Nitrogen, compressed
UN-Nr	1066
ADR/RID	Class 2
	Classification code 1A



Safety Data Sheets

Compressed gas : SDS-089A-CLP

Access:

https://drive.google.com/open?id=1kUbQeBkkyu1hTlyU3TSBrbg7pHOhySDD&usp=drive_copy

Physical information

Molecular weight	28,013 g/mol
Relative density:	
Relative density, gas	0,97 (air=1)
Colour	Colorless
Odor	Odorless
CAS number	7727-37-9

Properties

Hazards identification: Asphyxiation in high concentrations, compressed gas

Flammability range: Non-flammable



Cylinder equipment

Valve fittings

200 Bar - BS 341 No. 3
300 Bar - NEVOC CEN 1

Shoulder colour:

Black (RAL 9005)



Product Specifications

Purity (Vol%) N ₂	Impurities (ppm-v)	Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,998 %	O ₂ ≤ 5	Cylinder	10L	200 bar	1,9 m3	P1608S10R2A001
	H ₂ O ≤ 5	Cylinder	50L	200 bar	9,5 m3	P1608L50R2A001
	CO ≤ 5					
	CO ₂ ≤ 1					
	CnHm ≤ 1					

Additional information

Complies with ISO 14175-N1-N-100

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