



TIGCS delivers Nitrogen in a mode of supply to suit each of our customer's needs: cylinder, liquid container, bulk or onsite production

• Applications

Carrier gas (GC)
Instrumentation gas (LCMS...)
Purge & Zero gas
Cryogenic fluid (liquid N2)

• Transport information

Compressed gas

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



• Safety Data sheets

Access:

• Product Specification

Components (% Vol. abs) N2	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure (bar)	*Capacity (m3)
≥ 99.995%	H2O ≤ 5	Cylinder	47L	150	7
	O2 ≤ 5	Pack 16	50L	200	162

*Typical capacities of the product are guaranteed for each cylinder in particular.

• Physical information

Molecular weight 28.01 g/mol
Relative density, gas 0.97 (air=1)
Relative density, liquid 0.8 (water=1)
CAS number 7727-37-9

• Properties

Hazards identification: in high concentrations may cause asphyxiation
Flammability range: non flammable
Personal protection: ensure adequate ventilation

• Cylinder equipment

Valve: CGA 580
Cylinder color: Gray



DISCLAIMER

The information contained in this Product Sheet is of a general nature and does not take into account any specific or local condition or regulation and shall neither be considered as recommendations. TIGCS assumes no liability or responsibility regarding the information contained in this Product Sheet, the completeness of this document, for the use of the information or consequences of such use, and disclaims all warranties (direct or indirect) of any kind.