

# SYNTHETIC OXY 21



*TIGCS delivers Oxygen in a mode of supply to suit each of our customer's needs: cylinder or mixed onsite*

- **Applications**

Flame gas (AAS, CLD, FID, THC...)  
Instrumentation gas (LCMS, NMR, TGA, TOC...)  
Purge gas (UV, FTIR...)  
Zero gas (GC-FID, FTIR...)

- **Transport information**

- Compressed gas

Proper shipping name  
UN Nr  
ADR/RID

Air, compressed  
1002  
Class 2 Classification Code 1 A



- **Physical information**

Molecular weight . . . . . 28.96 g/mol  
Relative density, gas . . . . . 1  
(air=1)  
Colour . . . . . colourless gas  
Odor . . . . . none

- **Properties**

Hazards identification: compressed gas  
Flammability range: non flammable  
Personal protection: none necessary

- **Cylinder equipment**

Valve: CGA 540  
Cylinder color: Gray



- **Safety Data sheets**

Access:

- **Product Specification**

Components (% Vol. abs)	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure (bar)	*Capacity (m3)
O2 21% ± 1%	H2O ≤ 5	Cylinder	47L	150	7
N2 balance	CnHm ≤ 5				

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

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