



Air Liquide's Gas Encyclopedia - Pages: 1079-1120

Applications

Aerospace industry

Transport information

Compressed gas cylinders

Proper shipping name	Oxygen, compressed
UN-Nr	1072
ADR/RID	Class 2
	Classification code 1 0



Safety Data Sheets

Compressed gas : N° EIGA097A
Access: <https://be.airliquide.com/>

Physical information

Molecular weight	32 g/mol
Relative density:	
Relative density, gas	1.1 (air=1)
Colour	Colorless, white in solid form
Odor	Odorless
CAS number	7782-44-7

Properties

Hazards identification: Oxidizing; frozen liquid gas can cause frostbite

Flammability range: Supports combustion vigorously (violent reaction); may cause ignition of combustible materials



Cylinder equipment

Shoulder colour:
White (RAL 9010)



Product Specifications

Global purity (% Vol. abs)	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure	Capacity	Product reference
O ₂						
≥ 99,5 %	H ₂ O (5 bar) ≤ 6	Cylinder	50L	200 bar	10,6 m ³	I1020L50R2A001
	CH ₄ ≤ 30					
	C ₂ H ₄ ≤ 0,4					
	C ₂ H ₂ ≤ 0,1					
	C ₂ H ₆ ≤ 6					
	CO ₂ ≤ 10					
	Refrigerant ≤ 2					
	Solvent ≤ 0,2					

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