ALPHAGAZ™ 1 OXYGEN / O_2

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

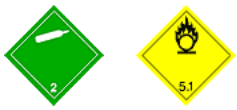
Applications

Instrumentation Gas: Process Gas

Transport information

Compressed gas cylinders

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



Safety Data Sheets

Compressed gas : SDS-097A-CLP

Access: https://www.msds-al.co.uk/assets/file_assets/SDS-097A-CLP_Oxygen(7782-44-7).pdf

Physical information

Molecular weight	32 g/mol
Relative density:	
Relative density, gas	1,1 (air=1)
Relative density, liquid	1,1 (air=1)
Relative density, liquefied Gas	1,1 (air=1)
Colour	Colorless
Odor	Odorless
CAS number	7782-44-7

Properties

Hazards identification: May cause or intensify fire; oxidizer.

Flammability range: Oxidant

Cylinder equipment

Valve fittings

BS341 - No 3

Shoulder colour:

White (RAL 9010)

Product Specifications

Global purity (% Vol. abs) O_2	Impuretés (ppm-mol)		Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,995 mol %	H_2O (5 bar)	≤ 2 ppm	Cylinder	50L SMARTOP	200 bar	10,6 m3	P0361L50S2A001
	CnHm	≤ 0,5 ppm					
	CO	≤ 0.5 ppm					
	CO_2	≤ 0.5 ppm					

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Additional information

Storability: 60 months

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