# **Air Liquide**

### PHARGALIS<sup>™</sup> 3 / 0<sub>2</sub>



### PHARGALIS<sup>™</sup> : Air Liquide's global solution for the pharmaceutical industry

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

#### **Applications**

Pharmaceutical gases for • Oxygen boosting in fermenters and bioreactors

#### **Transport information**

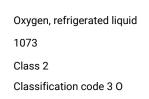
#### **Compressed gases**

Proper shipping name	
UN-Nr	
ADR/RID	

Oxygen, compressed 1072 Class 2 Classification code 1 0

#### **Refrigerated Gases**

Proper shipping name UN-Nr ADR/RID





#### **Safety Data Sheets**

Compressed gas : N° EIGA097A-PHA Access: https://be.airliquide.com/ Refrigerated gas : N° EIGA097B-PHA Access: https://be.airliquide.com/

#### **Physical information**

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

#### **Properties**

**Hazards identification:** Oxidising, intensive support combustion, can react violently with combustible materials

Flammability range: Oxidant

Personal protection: Avoid 02 rich (>21%) atmospheres



#### Cylinder equipment

Valve fittings Cylinder: A1 - IS 22.9 x 1.814 right-hand female Bundle: IS 33 \* 2.50 right-hand male Shoulder colour: White (RAL 9010)





#### **Product Specifications**

Global purity (% Vol. abs) O <sub>2</sub>	Impurities (ppm v/v)		Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,5 %	H <sub>2</sub> 0 (5 bar)	≤ 67	Cylinder	50L	200 bar	10,6 m³	I1030L50R2A001
	со	≤ 5	Bundle	V12*50L	200 bar	127 m³	I1030V12R2A001
	CO <sub>2</sub>	≤ 300	Liquid	-			I1127RG

#### **Additional information**

This product complies with the with the three major pharmacopoeias for Oxygen (Ph-EU, Ph-EU low oxygen, USP-NF and JP-Ph). The products are traceable and delivered with certificates of analysis and conformity This product is manufactured, controlled and distributed in compliance with Good Manufacturing Practises (GMP) and Good Distribution Practises (GDP) for pharmaceutical Excipients (joint IPEC-PQG) Certified Excipact Stability: 36 months

## **Air Liquide**

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