

# HiQ® Specialty Gases Finder.



## Oxygen O<sub>2</sub> R-732



ADR Class 2,  
1O (Compressed)  
3O (Refrigerated liquid)

DOT Class 2.2

CAS: 7782-44-7    EC: 200-941-9    UN: 1072 (Compressed); 1073 (Refrigerated liquid)

### HiQ Oxygen 3.5

HiQ Product Code: 144

Purity  $\geq$  99.95%

Impurities [ppm]

99.95% H<sub>2</sub>O $\leq$ 5

### HiQ Oxygen 4.8

HiQ Product Code: 145

Purity  $\geq$  99.998%

Impurities [ppm]

99.998% H<sub>2</sub>O $\leq$ 3 CnHm $\leq$ 1 N<sub>2</sub> $\leq$ 10 Ar $\leq$ 10

### HiQ Oxygen 6.0

HiQ Product Code: 146

Purity  $\geq$  99.9999%

Impurities [ppm]

99.9999% H<sub>2</sub>O $\leq$ 0.5 CnHm $\leq$ 0.1 CO $\leq$ 0.1 CO<sub>2</sub> $\leq$ 0.1 N<sub>2</sub> $\leq$ 0.5 Ar $\leq$ 1

### VERISEQ Process Oxygen (Pharmaceutical grade)

HiQ Product Code: 6320

Purity  $\geq$  99.5%

Impurities [ppm]

99.5% H<sub>2</sub>O $\leq$ 67 CO $\leq$ 5 CO<sub>2</sub> $\leq$ 300 Odour $\leq$ not detectable

### HiQ Oxygen 5.0 Zero

HiQ Product Code: 147

Purity  $\geq$  99.999%

Impurities [ppm]

99.999% H<sub>2</sub>O $\leq$ 3 CnHm $\leq$ 0.2 CO $\leq$ 1 CO<sub>2</sub> $\leq$ 1 N<sub>2</sub> $\leq$ 5 Ar $\leq$ 5

**Typical Filling Pressure:** 15 °C: 200 bar(a) 70 °F: 2,640 psi(g)

### Characteristics

Colourless and odourless gas. Many materials burn in oxygen that do not normally burn in air. Reduces the flash-point temperature and increases the combustion speed.

This is a promotional data sheet, for a full Safety Data Sheet, please contact your local Linde subsidiary

Linde AG

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# HiQ<sup>®</sup> Specialty Gases Finder.

## Hazard classifications

### EC C&L



### R-Phrases

#### R8:

Contact with combustible material may cause fire

### EU GHS C&L - Reg 1272/2008

Signal Word: **DANGER**



### H-Statements

#### Physical Hazards

#### **Compressed Gas -> H280:**

Contains gas under pressure; may explode if heated

#### **Refrigerated Gas -> H281:**

Contains refrigerated gas; may cause cryogenic burns or injury.

#### **H270:**

May cause or intensify fire, oxidiser

## Applications of this gas in pure form, or component in a gas mixture.

Air quality monitoring, Calibration gas mixtures, Chemical synthesis, Combustion oxidation, Cutting metals, Diving, Electronics & semiconductor, Emissions control, Environmental monitoring, Fibre optics, Food processing & preservation, Glass, Instrument calibration, Lasers, Medical applications, Metals cutting & welding, Optical fibres, Petrochemical & refineries, Pharmaceuticals, Process control instrument calibration, Semiconductor & electronics, Stack emissions testing, Water treatment & purification, Welding metals