

HiQ® Specialty Gases Finder.



Oxygen O₂ 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% H₂O \leq 5

HiQ Oxygen 4.8

HiQ Product Code: 145

Purity \geq 99.998%

Impurities [ppm]

99.998% H₂O \leq 3 CnHm \leq 1 N₂ \leq 10 Ar \leq 10

HiQ Oxygen 6.0

HiQ Product Code: 146

Purity \geq 99.9999%

Impurities [ppm]

99.9999% H₂O \leq 0.5 CnHm \leq 0.1 CO \leq 0.1 CO₂ \leq 0.1 N₂ \leq 0.5 Ar \leq 1

VERISEQ Process Oxygen (Pharmaceutical grade)

HiQ Product Code: 6320

Purity \geq 99.5%

Impurities [ppm]

99.5% H₂O \leq 67 CO \leq 5 CO₂ \leq 300 Odour \leq not detectable

HiQ Oxygen 5.0 Zero

HiQ Product Code: 147

Purity \geq 99.999%

Impurities [ppm]

99.999% H₂O \leq 3 CnHm \leq 0.2 CO \leq 1 CO₂ \leq 1 N₂ \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[®] 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