

# Oxygen



## Description

Is supplied in high pressure cylinders. Oxygen is a colourless, odourless and tasteless gas.

## Applications

- Oxy-acetylene welding
- Flame cleaning
- Oxy cutting
- Flame heating
- Flame hardening
- Water treatment
- Chemical reactions requiring increased oxidation rates

## Hazard statement(s)

- May cause or intensify fire; oxidizer.
- Contains gas under pressure; may explode if heated.

## Prevention statement(s)

- Keep/Store away from clothing/incompatible materials/combustible materials.
- Keep reduction valves free from grease and oil.

## Response statement(s)

- In case of fire: Stop leak if safe to do so.

## Storage statement(s)

- Protect from sunlight. Store in a well-ventilated place.

## Other hazards

- No information provided.

Signal Word: Danger

UN No.: 1072

Hazard No.: 2(S)

Chem Symbol: O<sub>2</sub>

Pictograms:





## General Specifications

Specifications	D Cylinder	E Cylinder	G Cylinder	12 Pack	16 Pack Offshore
Cylinder/Pack (101.325kPa @15°C) - m <sup>3</sup>	1.5	4.0	10.3	124.0	165.0
Water capacity per Cylinder - L	10	23	50	600	800
Cylinder Colour	Black				
Outlet Connection	Type 10				
Package Dimensions (H x W x D) - mm	645 x 180	780 x 230	1,510 x 230	1,900 x 780 x 1,020	2155 x 1065 x 1065

Cylinder dimensions are approximate – variations may occur due to manufacturing tolerances. Height includes the valve. Container sizes may vary from state to state.

## Package Sizes Available (not all sizes shown)



## Quality Assurance

Supagas Pty Ltd is committed to comply with the requirements of ISO 9001-2015 and to continually improve the effectiveness of our Quality Management System.

Everyone at Supagas understands we must provide a safe environment for both our employees and the wider community. We are therefore committed to implement and maintain a continual improvement approach throughout the organisation whilst also meeting all applicable statutory and regulatory requirements.

## NATA Accreditation

The Supagas Laboratory located in Ingleburn, NSW has a NATA Accreditation (No. 18955).



Accredited for compliance with ISO/IEC 17025 and ISO Guide 34, Reference

Gas Mixtures prepared to ISO 6142.

## Typical Analysis

Product Type	O <sub>2</sub>	Moisture	CxHy	N <sub>2</sub>	CO <sub>2</sub>	CO
UHP Grade	>99.999%	<3ppm	<0.5ppm			
HP Grade	>99.8%	<10ppm	-			
Industrial Grade	>99.5%	-	-			
Diving Grade	>99.5%	<25ppm	<50ppm	<1,000ppm	<10ppm	<1ppm

## For Further Information

On how we can help you with all your gas and welding needs, drop in to your local Supagas branch or call Customer Service on 13 78 72.