

Acetylene



Description

Is a colourless, highly flammable gas which has a distinct odour.

Applications

- Oxy-Acetylene welding
- Cutting localised
- Heating
- Flame hardening
- Atomic absorption spectroscopy (AAS)

Hazard statement(s)

- Extremely flammable gas.
- Contains gas under pressure; may explode if heated.
- Explosive with or without contact with air.

Prevention statement(s)

- Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Response statement(s)

- Leaking gas fire: Do not extinguish, unless leak can be stopped safely.
- Eliminate all ignition sources if safe to do so.

Storage statement(s)

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

Other hazards

- Asphyxiant. Effects are proportional to oxygen displacement.

Signal Word: Danger

UN No.: 1001

Hazard No.: 2(S)E

Chem Symbol: C₂H₂

Pictograms:



Acetylene



General Specifications

Specifications	D Cylinder	E Cylinder	G Cylinder	6 Pack	9 Pack Offshore
⁽¹⁾ Cylinder/Pack (101.325kPa @15°C) - m ³	1.0	4.1	8.7	52.2	78.3
Water capacity per cylinder - L	7	25	54.5	327	490.5
Cylinder Colour	Claret				
Outlet Connection	Type 20				
Package Dimensions (H x W x D) - mm	600 x 180	930 x 210	846 x 305	730 x 310 x 400	2155 x 1065 x 1065

⁽¹⁾This pressure can vary between 1300 and 2500 kPa depending upon the ambient temperature.

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 9001-2019 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 17034.

Typical Analysis

Product Type	Acetylene	PH3/AsH3
Instrument Grade	≥98.0%	<1ppm
Industrial Grade	≥98.0%	-

For Further Information

On how we can help you with all your residential and industrial gas needs, view our website supagas.com.au, call Customer Service on 13 78 72 or drop in to your local Supagas branch.