

# 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: C<sub>2</sub>H<sub>2</sub>  
 Pictograms:



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## General Specifications

Specifications	D Cylinder	E Cylinder	G Cylinder	6 Pack	9 Pack Offshore
<sup>(1)</sup> Cylinder/Pack (101.325kPa @15°C) - m <sup>3</sup>	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	1,900 x 780 x 1,020	2155 x 1065 x 1065

<sup>(1)</sup>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)



## Typical Analysis

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

## 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.

## For Further Information

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