

# FACT SHEET ACETYLENE

# Gas2Go®

## CHARACTERISTICS

Acetylene is a colourless, highly flammable gas which has a distinct odour.

## APPLICATIONS

- Oxy-Acetylene Welding
- Cutting localized
- 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.

## PHYSICAL ATTRIBUTES



- **Signal Word:** Danger
- **UN Number:** 1001
- **Hazard No.:** 2(S)E
- **Chem Symbol:** C<sub>2</sub>H<sub>2</sub>
- **Pictograms:**



## GENERAL SPECIFICATIONS

Specifications	D Cylinder
<sup>(1)</sup> Cylinder/Pack (101.325kPa @15°C) - m <sup>3</sup>	10
Water capacity per cylinder - L	7
Cylinder Colour	Claret
Outlet Connection	Type 20
Package Dimensions (HxWxD) - mm	600x180

<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.

## TYPICAL ANALYSIS

Product Type	Acetylene
Industrial Grade	≥98.0%

## PACKAGE SIZES AVAILABLE

Part No: HACET010 - D Size

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## QUALITY ASSURANCE

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

Everyone at Supagas understands they must provide a safe environment for both their employees and the wider community. They are therefore committed to implement and maintain a continual improvement approach throughout the organisation while 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.

This information is believed to be accurate and reliable, but is provided as a guide only. Beijer Ref Holdings Australia Pty Ltd (T/A Beijer Ref Support) accepts no responsibility and the end user assumes all risks and liability for the use of this information.

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