

# Carbon Dioxide, Ref. Liq.



## Description

Carbon Dioxide is a colourless, odourless, non flammable gas that is denser than air.

## Applications

- Making dry ice snow
- Protective atmosphere in arc welding
- pH control for pools
- Carbonation of soft drinks, beers, juices, water, etc.
- Tapping and dispensing of beer
- Food packaging
- Food freezing, chilling, purging and inerting
- Blanketing of wine and grape juice
- Grain storage fumigation
- Refrigeration systems
- Solvent for extraction of organic chemicals
- Fire extinguishers
- Greenhouse atmosphere enrichment
- Propellant in aerosol packaging

## Hazard statement(s)

- Contains refrigerated gas; may cause cryogenic burns or injury.
- May cause long lasting harmful effects to aquatic life.

## Prevention statement(s)

- Avoid release to the environment.
- Wear cold insulating gloves/face shield/eye protection.

## Response statement(s)

- Get immediate medical advice/attention.
- Thaw frosted parts with lukewarm water. Do not rub affected area.

## Storage statement(s)

- Store in a well-ventilated place.

## Disposal statement(s)

- Dispose of contents/container in accordance with relevant regulations.

## Other Hazards

- In high concentrations may cause asphyxiation. Contact with liquid may cause cold burns/frostbite.

Signal Word: Warning

UN No.: 2187

Hazard No.: 2T

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

Pictograms:



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## General Specifications

Physical Data	
Chemical Symbol	CO <sub>2</sub>
Boiling Point	-78.5°C
Relative Density (Air=1)	1.53
Molecular Weight	44.01
Critical Temperature	-21.0°C
Flashpoint	Non flammable
Density of Gas @ 101.3 kPa & 15°C	1.872 kg/m <sup>3</sup>
Density of Liquid (B.Pt.)	6300 kg/m <sup>3</sup>
Specific Volume @ 101.3 kPa & 15°C	0.535 m <sup>3</sup> /kg

## Storage Tanks

Tank Size Range
≥250 - < 60,000 lt

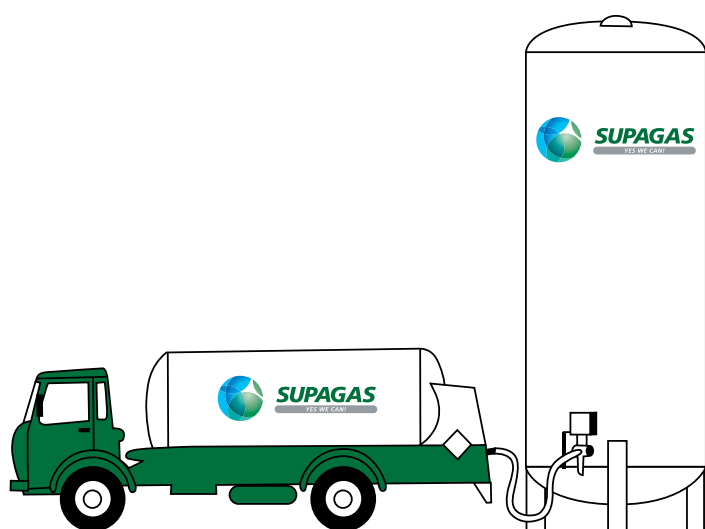
## Quality Assurance

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.



## Typical Analysis

Product Type	CO <sub>2</sub>	O <sub>2</sub>	Moisture
Refrigerated Liquid	≥99.9%	<30ppm	<20ppm