

Carbon Dioxide

Description

Is a non-flammable gas which is odourless, colourless and non-toxic.

Applications

It is employed in the food industry in the following applications:

- Carbonation of soft drinks, lemonade, soda, fruit juices and beer, etc.
- Recharging of natural mineral waters with carbon dioxide
- Conservation of wine, unfermented grape juice and various fruit juices
- Tapping of beer and prevention of oxidation through contact with the air
- Accelerating the growth of farm produce as an atmosphere additive

It is employed in the chemical industry in the following applications:

- Preparation of sodium carbonate, alkaline bicarbonates, lead carbonate and various organic substances (e.g. salicylic acid)
- Production of paints and varnishes and manufacture of foam rubber
- pH control of water in swimming pools

Hazard statement(s)

- Contains gas under pressure; may explode if heated.
- May cause long lasting harmful effects to aquatic life.

Prevention statement(s)

- Avoid release to the environment.

Response statement(s)

- None allocated.

Disposal statement(s)

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

Storage statement(s)

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

Other hazards

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

Signal Word: Danger
 UN No.: 1013
 Hazard No.: 2(T)E
 Chem Symbol: CO₂
 Pictograms:



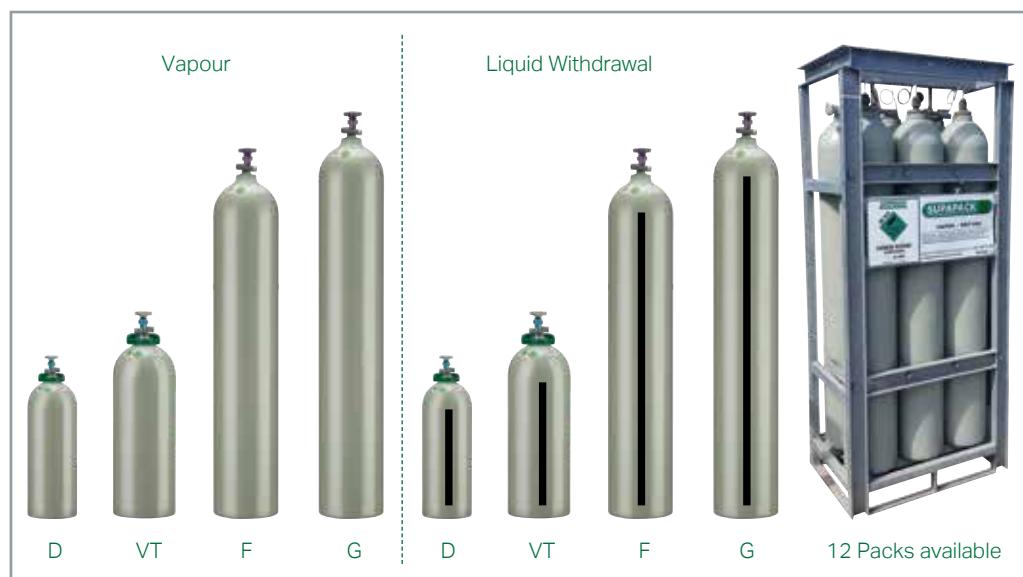
Carbon Dioxide

General Specifications

Specifications	D Cylinder	VT Cylinder	F Cylinder	G Cylinder	12 Pack
Cylinder/Pack (101.325kPa @15°C) - kg	6.0	10.0	22.0	31.0	372.0
Water capacity per cylinder - L	10	15	34	50	600
Cylinder Colour	Green Grey				
Outlet Connection	Type 30				
Package Dimensions (H x W x D) - mm	650 x 204	705 x 215	1,335 x 230	1,580 x 230	1,900 x 780 x 1,020

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



Typical Analysis

Product Type	CO ₂	O ₂	Acetaldehyde	Moisture
Food Grade	≥99.9%	<30ppm	<0.2ppm	<20ppm
High Purity Grade	≥99.9%	<30ppm	-	<10ppm
Industrial Grade	≥99.5%	-	-	-

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, call Customer Service on 13 78 72 or drop in to your local Supagas branch.