



# Carbon dioxide

Gas code	SG082
Gas composition	99.9% Carbon Dioxide (Liquid Phase)
Cylinder identification	Cylinder colour (to AS 4484): Green grey body, shoulder and neck

## Description

- ▶ A colourless and odourless gas that can cause the nose to sting in high concentration
- ▶ Toxic in high concentrations
- ▶ An asphyxiant (does not support life)
- ▶ Slightly corrosive in the presence of moisture
- ▶ Heavier than air, carbon dioxide will collect in ducts, drains and low-lying areas
- ▶ Highly soluble in water at moderate pressures
- ▶ At elevated temperatures, carbon dioxide reacts with many substances
- ▶ Higher density than air provides good blanketing properties



## Used for

- ▶ MIG welding mild steel
- ▶ For welding carbon and alloy steel and stainless steel with flux-cored wires
- ▶ Shielding gas in plasma cutting
- ▶ Liquid for substrate cooling to control the heat build-up when thermal and plasma spraying
- ▶ Suitable for inerting applications
- ▶ Balancing pH levels in swimming pools

Cylinder size	Cylinder content (sm <sup>3</sup> )	Gauge Pressure (1KPA @ 15°C)	Outlet Connection
F	22.0	–	AS 2473 Type 30
VT	10.0	–	AS 2473 Type 30

For more information contact Elgas Stargas™ on:

**1800 STARGAS**  
**Fax (03) 9792 4700**

**stargas@stargas.com.au**  
**www.stargas.com.au**

