

Carbon Dioxide

- Carbon Dioxide is used to displace the atmosphere in storage tanks, barrels, and bottles
- Carbon Dioxide is used in two different forms: gas and solid (in the form of Dry Ice or CO₂ snow)
- Dry Ice is used for chilling the must and colling grapes during harvest
- It is used in the sparging process to adjust the dissolved CO₂ levels

Description

Formula: CO₂

Gas Data

Molecular Weight: 44.01
 Density: 1.833 kg/m³ @ 21.1°C, 101.325 kPa
 0.1144 lb/ft³ @ 70°F, 14.696 psia

Specific Volume: 0.5456 m³/kg @ 21.1°C, 101.325 kPa
 8.741 ft³/lb @ 70°F, 14.696 psia

Shipping Information

CAS Registry Number: 124-38-9
 UN Number: UN 1013
 DOT Proper Shipping Name: Carbon Dioxide
 DOT Classification: 2.2 (Non Flammable Gas)
 DOT Label: NON-FLAMMABLE GAS

Cylinder Specifications

Cylinder Size	Content		Valve Outlet CGA No.
	US	Metric	
75	75	17.21	320
50	50	11.47	320
20	25	5.74	320
15	15	3.44	320
10	10	2.29	320
5	5	1.15	320