

Sulfur Dioxide SO₂

Synonym: Sulfurous Acid Anhydrous

Physical Constants of Gas

Molecular Weight 64.063
 Specific Volume 5.9 CF/lb. (0.37 m³/kg)
 Boiling Point 14°F (-10°C) 1 atm
 Gas Density 70°F 1 atm 2.77 kg/m³

Cylinder Data

CGA Valve Outlet 660
 LB CGA Outlet 110

Shipping Data

Shipping Class 150
 DOT/TC Name Sulfur Dioxide
 DOT Class ... 2.3 (Poisonous Gas) Hazard Zone C
 TC Class 2.3 (8) Toxic Gas (Corrosive)
 WHMIS Class AD1AE
 DOT Label Poison Gas, Corrosive
 CAS Registry No. 7446-09-5
 UN No./ATA No. UN1079

Safety Information

Poisonous gas and liquid that is also corrosive.
 Can cause eye, skin and respiratory tract burns.

Specifications									Recommended Equipment		
Grade	Purity (Minimum)	Size	Contents		Pressure		Weight		Description Model Number	Page	
			lbs.	kg	psig	bar	lbs.	kg			
CHEMGAZ 1*	99.9% Liquid Phase	55	150	68	34	2	210	95	Single-Stage Tied-Diaphragm Regulator Q1-217A-2G-660 LB Regulator Q1-220AS-110 Cross Purge Assembly Q4-P74-(*)	272	
		44	100	45	34	2	233	106			295
		LB	1	0.5	34	2	5	2			339

* Specify CGA. Other cylinder connections are also available – please contact your Air Liquide representative.

Our SCOTT™ gas delivery equipment is guaranteed to preserve the purity and integrity of your gas. See page 261.