



## Sulfur Tetrafluoride


**Description**Formula: SF<sub>6</sub>**Gas Data**

Molecular Weight: 108.06  
 Density: 4.4 kg/m<sup>3</sup> @ 21.1°C, 101.325 kPa  
 0.28 lb/ft<sup>3</sup> @ 70°F, 14.696 psia  
 Specific Volume: 0.22 m<sup>3</sup>/kg @ 21.1°C, 101.325 kPa  
 3.6 ft<sup>3</sup>/lb @ 70°F, 14.696 psia

**Safety Information**

Permissible Exposure  
 Limit (TLV): 0.1 ppm

**Shipping Information**

CAS Registry Number: 7783-60-0  
 UN Number: UN 2418  
 ECCN Number: EAR99  
 DOT Proper Shipping Name: Sulfur Tetrafluoride  
 DOT Classification: 2.3, Hazard Zone A (gas poisonous by inhalation)  
 DOT Label: INHALATION HAZARD   
 CORROSIVE GAS  
 TC Shipping Name: Sulfur Tetrafluoride  
 TC Classification: 2.3, 8  
 TC Label: POISON GAS, CORROSIVE GAS

**Cylinder Specifications**

Cylinder Size	Valve Outlet CGA No.	Pressure		Approximate Ship Weight	
		psig @ 70°F	kPa @ 21.1°C	lb	kg
1A	330	140	965	215	98

Gas Grade Purity Specifications	Product Code	Cylinder Size	Content		Equipment Recommendations	Model No.	Page No.
			US	Metric			
Sulfur Tetrafluoride, CP Grade Purity 98.5%	G2672009	1A	90 lb	40.82 kg	Single Stage Reg. Cross Purge	Series 3905-330	319
						4774-330	422

A Certificate of Conformance will be provided on request.