



## Silicon Tetrachloride

## Transportation Information

UN Number: 1818



United States of America



Canada



Mexico

Shipping Name	United States of America	Canada	Mexico
	Silicon Tetrachloride	Silicon Tetrachloride	Silicon Tetrachloride
Hazard Class	8	8	8
Label	Corrosive	Corrosive	Corrosive

## Formula

SiCl<sub>4</sub>

## MSDS Reference

P-4824

## CAS Number

10026 - 04 - 7

## General Description

Colorless, highly toxic, nonflammable liquid with a pungent odor.

## Product and Package Information

Part Number	Product Grade	Quality Assay/ Specification	Cylinder Style	Content	Regulator Recommendations See Section F, Page 2
ST 4.0FO	4.0	99.99%	ST55	600 lb/272 kg	400 Series: Corrosive
	Fiber Optic	HCl < 15 ppm/w Trichlorosilane < 10 ppm/w Aluminum < 25 ppb/w Iron < 50 ppm/w Other Metals (Ni, Cu, Cr, Mg) < 100 ppb/w	ST10	100 lb/45 kg	
Available with hydrogen or nitrogen pressure pads upon request.					
ST 3.8SP	3.8	99.98 %	ST55	600 lb/272 kg	700 Series: Semiconductor
	Semiconductor	Boron < 0.2 ppb/w	ST30	300 lb/136 kg	400 Series: Corrosive
	Process	Carbon < 2 ppm/w	ST10	100 lb/45 kg	
	Gas	Donor (P & As) < 1 ppb/w Other chlorosilanes < 0.06 %/w Resistivity ≥ 100 Ohm-cm	SB	110 lb/50 kg	
Other Chlorosilane are analyzed from the liquid phase.					
ST 3.0SP	3.0	99.9 %	ST55	600 lb/272 kg	700 Series: Semiconductor
	Semiconductor	Boron < 0.2 ppb/w	ST30	300 lb/136 kg	400 Series: Corrosive
	Process	Carbon < 2 ppm/w	ST10	100 lb/45 kg	
	Gas	Donor (P & As) < 1 ppb/w Trichlorosilane < 0.1% /w Resistivity ≥ 100 Ohm-cm			

When ordering, please add the desired cylinder style to the end of the above part number. (ST 4.0FO-**ST55**)

See Section E for additional information on Praxair's Semiconductor product line (E35-E36)

## Cylinder Information

Cylinder Style	Connection CGA	Pressure psig/bar	Gross Weight lb/kg
ST55		0/0	850/385
ST30		0/0	450/204
ST10		0/0	150/68
SB		0/0	142/65

Bulk quantities are available.

Contact your nearest Praxair location or call 1-877-PRAXAIR for technical information and assistance.