

Transportation Information
UN Number: 1295


Shipping Name	Trichlorosilane	Trichlorosilane	Trichlorosilane
Hazard Class	4.3	4.3 (3) (8)	4.3
Label	Dangerous When Wet, Flammable Liquid, Corrosive	Dangerous When Wet, Flammable Liquid, Corrosive	Dangerous When Wet, Flammable Liquid, Corrosive

Formula
 SiHCl_3
MSDS Reference

P-4823

CAS Number

10025 - 78 - 2

General Description

Colorless, corrosive, flammable liquid with an irritating, choking odor.

Product and Package Information

Part Number	Product Grade	Quality Assay/ Specification	Cylinder Style	Content	Regulator Recommendations See Section F, Page 2
TC 3.5SP	3.5	99.95 %	ST55	550 lb/249.5 kg	700 Series: Semiconductor
	Semiconductor	Boron < 0.1 ppb/a	ST30	275 lb/124.7 kg	400 Series: Corrosive
	Process	Carbon < 5 ppm/a	ST10	90 lb/40.8 kg	
	Gas	Donor (AS + P) < 0.8 ppb/a Iron < 50 ppb/a Other Chlorosilanes < 500 ppm/w Resistivity > 300 Ohm-cm			
TC 3.0SP	3.0	99.9 %	ST55	550 lb/249.5 kg	700 Series: Semiconductor
	Semiconductor	Boron < 0.1 ppb/a	ST30	275 lb/124.7 kg	400 Series: Corrosive
	Process	Carbon < 50 ppm/a	ST10	90 lb/40.8 kg	
	Gas	Donor (AS + P) < 1 ppb/a Other Chlorosilanes < 1,000 ppm/w Resistivity > 200 Ohm-cm			

Other Chlorosilanes are analyzed from the liquid phase and are to be reported as < 1,000 ppm/w.

 When ordering, please add the desired cylinder style to the end of the above part number. (TC 3.5SP-**ST55**)

Cylinder Information

Cylinder Style	Connection CGA	Pressure psig/bar	Gross Weight lb/kg
ST55		2.0/1.38	800/363
ST30		2.0/1.38	425/193
ST10		2.0/1.38	140/64

See Section E for additional information on Praxair's Semiconductor product line (E34-E36).

Bulk quantities are available.

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