

Transportation Information



UN Number: 1295

Shipping Name	Trichlorosilane	Trichlorosilane	Trichlorosilane
Hazard Class	4.3 (3) (8)	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

(M)SDS Reference

P-4823

CAS Number

10025 - 78 - 2

General Description

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

Product/Grade	Purity	Part Number	Cylinder	Boron	Carbon	Donor (As + P)	Other Chlorosilanes	Resistivity
Semiconductor, 3.5	99.95%	TC 3.5SP	ST55, ST10	0.12 ppb/a	5 ppm/a	.08 ppb/a	500 ppm/w	>/= 300 ohm-cm
Semiconductor, 3.0	99.9%	TC 3.0SP	ST55, ST10	0.12 ppb/a	5 ppm/a	1.5 ppb/a	1000 ppm/w	>/= 200 ohm-cm

Concentrations given are ppm by volume unless otherwise specified.
Maximum ppm unless otherwise noted.

Cylinders

Cylinder Type	Style	Size in (cm)	Connection CGA/DISS	Pressure psig (bar)	Volume lb (kg)	Gross Weight lb (kg)
ST55	Low Pressure Drum	46 x 24 (116.84 x 60.96)	Based on application	2.0 (0.13)	550 (249.5)	800 (363)
ST10	Low Pressure Drum	30 x 12 (76.2 x 30.48)	Based on application	2.0 (0.13)	90 (40.8)	140 (64)



Contact your Praxair representative about equipment recommendations for Trichlorosilane.