## SILICON TETRACHLORIDE

| TRANSPORT INFORMATION: UN No. 1818 | | | |
|---|---|---|---|
| Shipping Name: | Silicon Tetrachloride | Silicon Tetrachloride | Silicon Tetrachloride |
| Hazard Class: | 8 | 8 | 8 |
| Label: | Corrosive | Corrosive | Corrosive |

FORMULA: $SiCl_4$

MSDS REFERENCE: 4824

CAS No.: 10026 - 04 - 7

GENERAL DESCRIPTION:

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

### Product and Package Information

| PART NO. | PRODUCT GRADE | QUALITY ASSAY / SPECIFICATION | CYLINDER STYLE | CONTENT $ft^3$ / $m^3$ | REGULATOR RECOMMENDATIONS SEE REFERENCE GUIDE (SECTION F, PAGE 2) |
|---|---|---|---|---|---|
| ST 4.0FO | 4.0 FIBER OPTIC | 99.99%<br>HCl < 15 ppmw<br>Trichlorosilane < 10 ppmw<br>Al < 25 ppbw<br>Fe < 50 ppmw<br>Other Metals(Ni, Cu, Cr, Mg) < 100 ppbw | ST-55<br>ST-10 | 600 lb / 272 kg<br>100 lb / 45 kg | 400 SERIES : Corrosive |
| ST 3.8SP | 3.8 SEMICONDUCTOR PROCESS GAS | 99.98 %<br>B < 0.2 ppbw<br>C < 2 ppmw<br>Donor < 1 ppbw<br>Resistivity > 100 Ohm-cm<br>other chlorosilanes < 0.06% w | ST-55<br>ST-30<br>ST-10<br>SB | 600 lb / 272 kg<br>300 lb / 136 kg<br>100 lb / 45 kg<br>110 lb / 50 kg | 700 SERIES : Semiconductor<br>400 SERIES : Corrosive |

For ordering purposes, please add the desired cylinder style to the end of the above part number.

SEE SECTIONS G AND H FOR SAFETY AND TECHNICAL INFORMATION.

### Cylinder Information

| CYLINDER STYLE / CGA | PRESSURE psig / kPa, gauge | GROSS WEIGHT lb / kg |
|---|---|---|
| ST-55 | 0 / 0 | 850 / 385 |
| ST-30 | 0 / 0 | 450 / 204 |
| ST-10 | 0 / 0 | 150 / 68 |
| SB | 0 / 0 | 142 / 65 |

***For additional information on our semiconductor process gases, see Section E - Semiconductor.***

***Bulk quantities are available.***



PRAXAIR

Copyright (c) 1999, Praxair Technology, Inc.
All Rights Reserved