

Hydrogen Chloride

A colorless, corrosive, irritating, toxic gas

TECHNICAL INFORMATION

| | |
|----------------------------|--|
| Chemical Symbol | HCl |
| Molecular Weight | 36.46 |
| Specific Volume | 10.6 ft ³ /lb (0.68 m ³ /kg) |
| CAS Registry Number | 7647-01-0 |

SHIPPING INFORMATION

| | |
|------------------------|------------------------------|
| DOT Proper Name | Hydrogen Chloride, Anhydrous |
| Hazard Class | 2.3 |
| ID Number | UN 1050 |
| Labels | Poison Gas, Corrosive |

CYLINDER SIZES AVAILABLE

| Std. Cylinder Sizes* | Contents | Cylinder Pressure (PSIG) | CGA Valve Connection |
|----------------------|----------|--------------------------|----------------------|
| 200 | 60 | 613 | 330 |
| 80 | 20 | 613 | 330 |
| 30 | 8 | 613 | 330 |
| | | | |
| | | | |

*Nonstandard cylinder sizes available upon request

Specifications Subject to Change Call to Confirm

| Grade | Purity | Impurity | Specifications | Equipment Recommended |
|------------------------------------|---------|---|---|-------------------------|
| 5.0 (Semiconductor Process Gas) | 99.999% | O ₂ H ₂ N ₂ CO ₂ CO CH ₄ | <1ppm <1ppm <1.5ppm <2ppm <1 <0.1ppm | Call for Recommendation |
| 2.0 | 99.0% | O ₂ H ₂ N ₂ THC CO ₂ Cl ₂ | <400ppm <200ppm <1000ppm <10ppm <300 <1ppm | Call for Recommendation |

This information in no way replaces the Safety Data Sheets (SDS) for use and safety standards.
Please refer to the SDS for details.

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