

Boron Trichloride (BCl₃)

A colorless, corrosive, highly toxic, nonflammable, liquefied gas with a pungent, irritating odor.

| Product Specifications | Minimum Purity |
|------------------------|----------------|
| Chemically Pure (CP) | 99.9% |

| PRODUCT | Ordering Information | | | | | Equipment Recommendations | | |
|---------------------------------------------------|----------------------|--------------|-----------------------------|----------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------|
| | Cylinder Size | Contents lbs | Standard Valve Outlet (CGA) | Product Number | Cylinder Pressure at 70°F (psig) | Description Product Number | Delivery Pressure Range (psig) | Page Number |
| Chemically Pure (CP) | 200 | 70 | 660 | BC CP200 | 4.4 | Single-Stage Regulator Y11-C440N Cross Purge Manual Flow Control Valve Y99-CPA4330 Y30-311660 Y30-411660 | 0-100 | E35 |
| | 80 | 40 | 660 | BC CP80 | 4.4 | | | E50 |
| | 35 | 10 | 660 | BC CP35 | 4.4 | | | E112 E112 |
| Certificate of Conformance provided upon request. | | | | | | | | |

| Technical Data & Shipping Information | |
|---------------------------------------|-------------------------------|
| Molecular Weight | 117.170 |
| Specific Volume | 3.30 cf/lb @70° F & 1 ATM |
| Flammability Limits in Air | Nonflammable |
| U.S. DOT Name | Boron Trichloride |
| ID Number | UN 1741 |
| U.S. DOT Hazard Class | 2.3 |
| U.S. DOT Label | Inhalation Hazard, Poison Gas |
| CAS Registry | 10294-34-5 |