



Pure Gases

Boron Trichloride

Transportation Information

UN Number: 1741



United States of America



Canada



Mexico

Shipping Name	Boron Trichloride	Boron Trichloride	Boron Trichloride
Hazard Class	2.3	2.3 (8)	2.3
Label	Toxic Gas, Corrosive	Toxic Gas, Corrosive	Toxic Gas, Corrosive

Formula

BCl_3

MSDS Reference

P-4566

CAS Number

10294 - 34 - 5

General Description

Colorless, toxic, corrosive, nonflammable, liquified gas with a pungent, choking odor.

Product and Package Information

Part Number	Product Grade	Quality Assay/ Specification	Cylinder Style	Content	Regulator Recommendations See Section F, Page 2
BC 3.6SP	3.6	99.96 %	K	100 lb/45.36 kg	700 Series: Semiconductor
	Semiconductor	Chlorine < 100 ppm/w	G	14 lb/6.35 kg	455 Series: Special Purpose
	Process Gas	Phosgene < 300 ppm/w Silicon < 10 ppm/w			

All components are analyzed in the liquid phase

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

Add "D" for DISS connection (BC 3.6SP-**KD**)

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

Cylinder Information

Cylinder Style	Connection CGA/DISS	Pressure psig/bar	Gross Weight lb/kg
K	660/634	4.4/.30	223/101
G	660/634	4.4/.30	43/20

See our complete line of gas delivery systems in Section F, including gas cabinets, process panels, and controllers.