

Transportation Information

UN Number: 1048



Shipping Name	Hydrogen Bromide, Anhydrous	Hydrogen Bromide, Anhydrous	Hydrogen Bromide, Anhydrous
Hazard Class	2.3 (8)	2.3 (8)	2.3
Label	Toxic Gas, Corrosive	Toxic Gas, Corrosive	Toxic Gas, Corrosive

(M)SDS Reference

P-4605

CAS Number

10035 - 10 - 6

General Description

Colorless, toxic, corrosive, nonflammable, liquefied gas with a very irritating odor.

Product/Grade	Purity	Part Number	Cylinder	N ₂	O ₂	H ₂ O	CO ₂	CO	CH ₄
Semiconductor, 4.5	99.995%	HB 4.5SP	K, G	20	5	5	20	1	1
High Purity, 2.8	99.8%	HB 2.8	K, G	-	-	-	-	-	-

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)
K	High Pressure Steel	51 x 9 (129.5 x 22.9)	330/634	320 (22)	70 (31.8)	205 (93)
G	High Pressure Steel	20 x 6 (50.8 x 15.2)	330/634	320 (22)	10 (4.5)	39 (17)

Equipment Recommendations

Semiconductor, 4.5	Valve panels, 3000 series regulators
High Purity, 2.8	2000 series regulators



UltraPurge™ 400 Gas Cabinet Series
(see page E-306)



See Section D for additional information on Praxair's Semiconductor product line (pages D-143 - D-148).

See our complete line of gas delivery systems in Section E, including gas cabinets, process panels, and controllers (pages E-304 - E-307).