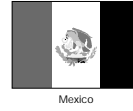


Transportation Information

UN Number: 1048



Shipping Name	United States of America	Canada	Mexico
Hydrogen Bromide, Anhydrous	Hydrogen Bromide, Anhydrous	Hydrogen Bromide, Anhydrous	Hydrogen Bromide, Anhydrous
Hazard Class	2.3	2.3	2.3
Label	Toxic Gas, Corrosive	Toxic Gas, Corrosive	Toxic Gas, Corrosive

Formula

HBr

MSDS Reference

P-4605

CAS Number

10035 - 10 - 6

General Description

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

Product and Package Information

Part Number	Product Grade	Quality Assay/ Specification	Cylinder Style	Content	Regulator Recommendations See Section F, Page 2
HB 2.8	2.8	99.8%	K	130 lb/59.0 kg	400 Series: Corrosive
HB 4.5SP	4.5 Semiconductor Process Gas	99.995 % O ₂ < 5 ppm H ₂ O < 5 ppm N ₂ < 20 ppm CO ₂ < 20 ppm CO < 1 ppm CH ₄ < 1 ppm Fe < 1 ppmw	K	70 lb/31.8 kg	700 Series: Semiconductor 400 Series: Corrosive

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

Add "D" for DISS connection (HB 4.5SP-**KD**)



Cylinder Information

Cylinder Style	Connection CGA/DISS	Pressure psig/bar	Gross Weight lb/kg
K	330/634	320/22	205/93
K	330	320/22	265/120

See Section E for additional information on Praxair's Semiconductor product line (E35-E37)

See our complete line of gas delivery systems in Section F, including gas cabinets, process panels, and controllers (F45-F46).