

Transportation Information
UN Number: 1984


United States of America



Canada



Mexico

Shipping Name	Trifluoromethane	Trifluoromethane	Trifluoromethane
Hazard Class	2.2	2.2	2.2
Label	Nonflammable Gas	Nonflammable Gas	Nonflammable Gas

Formula
CHF₄
MSDS Reference

P-4668

CAS Number

75 - 46 - 7

General Description

Colorless, nonflammable, liquified gas with a slight ethereal odor.

Product and Package Information

Part Number	Product Grade	Quality Assay/ Specification	Cylinder Style	Content	Regulator Recommendations See Section F, Page 2
HA 23 4.5SP	4.5	99.995 %	AT	75 lb/34.0 kg	700 Series: Semiconductor
	Semiconductor Process Gas	Air < 15 ppm CO ₂ < 2 ppm CH ₄ < 1 ppm H ₂ O < 4 ppm Other Halocarbons < 10 ppm Acidity (HF) < 1 ppm/w			300 Series: Non-corrosive
Other Halocarbons defined as Halocarbons 22.					
HA 23 2.0SP	2.0	99.0 %	AT	75 lb/34.0 kg	700 Series: Semiconductor
	Semiconductor Process Gas	O ₂ + N ₂ < 5000 ppm H ₂ O < 10 ppm/w Other Halocarbons < 1000 ppm Acidity (HCl) < 0.1 ppm/w	K	70 lb/31.8 kg	300 Series: Non-corrosive 200 Series: Non-corrosive
Other Halocarbons defined as Halocarbons 13 and 22.					

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

 Add "D" for DISS connection (HA 23 4.5SP-**ATD**)

Cylinder Information

Cylinder Style	Connection CGA/DISS	Pressure psig/bar	Gross Weight lb/kg
AT	660/716	635/43.78	173/79
K	660/716	635/43.78	205/93

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

See Section F for Praxair's gas handling equipment product line.

Praxair, your source for technical support.