



Trifluoromethane (CHF₃)

A colorless, nontoxic, non-flammable gas with a slightly ethereal odor.

Purity:	Grade 3	Grade 3.5	Grade 4.5	Grade 5
Specifications:	99.9%	99.95%	99.995%	99.999%
Air (N ₂ +O ₂ +CO+CO ₂)	<500 ppmv	<400 ppmv	<30 ppmv	<5 ppmv
Moistures	<10 ppm/w	<10 ppmv	<4 ppmv	<2 ppmv
Other Organics	<1000 ppmv		<10 ppmv	<3 ppmv
Methane			<1 ppmv	
Acidity (HCL)	< 0.1 ppm/w	< 0.1 ppm/w	< 1 ppm/w	< 0.1 ppm/w

***Moisture level guaranteed only when Electronic Fluorocarbons prepares the cylinders.*

All concentrations are on a mol/mol basis unless otherwise stated.

Product sold on the basis of total impurities. Individual impurities may vary slightly.

**This gas not available for purchase online.*

Cylinder Size	Fill Weight (LBS)
44L/Size 200	70
16L/Size 80	25
7L/Size 35	11

Shipping Information:

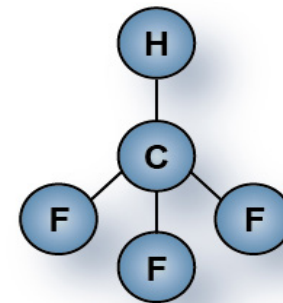
DOT Name: Trifluoromethane

Hazard Class: 2.2

DOT No.: UN1984

DOT Label: Green, Non-Flammable Gas

CAS No.: 75-46-7



Technical Data:

Mol. Wt: 70.01

Specific Volume: 5.5 cu. ft/lb

Pressure @ 70° F: 23.5 psig

Valve Outlet: CGA 660 CGA 320

DISS 716