



Methyl Fluoride

Description

Synonym: Fluoromethane
Formula: CH₃F

Gas Data

Molecular Weight: 34.03
Density: 1.410 kg/m³ @ 21.1°C, 101.325 kPa
0.08803 lb/ft³ @ 70°F, 14.696 psia
Specific Volume: 0.7093 m³/kg @ 21.1°C, 101.325 kPa
11.36 ft³/lb @ 70°F, 14.696 psia

Shipping Information

CAS Registry Number: 593-53-3
UN Number: UN 2454
ECCN Number: EAR99
DOT Proper Shipping Name: Methyl Fluoride
DOT Classification: 2.1 (Flammable Gas)
DOT Label: FLAMMABLE GAS
TC Shipping Name: Methyl Fluoride
TC Classification: 2.1
TC Label: FLAMMABLE GAS

Cylinder Specifications

Cylinder Size	Valve Outlet CGA No.	Pressure psig @ 70°F	Pressure kPa @ 21.1°C	Approximate Ship Weight	
				lb	kg
7	350	538	3,709	6	3

Gas Grade Purity Specifications	Product Code	Cylinder Size	Content US	Content Metric	Equipment Recommendations	Model No.	Page No.
Methyl Fluoride 99%	G1474181	7	0.25 lb	113 gm	Dual Stage Reg. Single Stage Reg. Tee Purge	Series 3120-350 Series 3530-350 4753-350	299 313 423

Liquid phase, weight/weight%
A Certificate of Conformance will be provided on request.