



Methyl Chloride

Description

Synonym: Chloromethane
Formula: CH₃Cl

Gas Data

Molecular weight: 50.49
Density: 2.130 kg/m³ @ 21.1°C, 101.325 kPa
0.1330 lb/ft³ @ 70°F, 14.696 psia
Specific Volume: 0.4695 m³/kg @ 21.1°C, 101.325 kPa
7.519 ft³/lb @ 70°F, 14.696 psia

Safety Information

LFL in Air: 8.1%
UFL in Air: 17.4%
Permissible Exposure Limit (TLV): 50 ppm

Shipping Information

CAS Registry Number: 74-87-3
UN Number: UN 1063
ECCN Number: EAR99
DOT Proper Shipping Name: Methyl Chloride
DOT Classification: 2.1 (Flammable Gas)
DOT Label: FLAMMABLE GAS
TC Shipping Name: Methyl Chloride
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
1J	660	59	406	160	73
2	660	59	406	99	45
3	660	59	406	45	20
LB	170	59	406	6	3

Gas Grade Purity Specifications	Product Code	Cylinder Size	Content		Equipment Recommendations	Model No.
			US	Metric		
Methyl Chloride, CP Grade 99.9%	G1471110	1J	100 lb	45.36 kg	Single Stage Reg. LB Regulator Tee Purge Cyl. Valve Wrench	Series 3530-660 Series 3550-170 4753-660 TW-2*
	G1471145	2	25 lb	11.34 kg		
	G1471150	3	6 lb	2.72 kg		
	G1471175	LB	0.5 lb	227 gm		

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

⚠ WARNING: This product can expose you to chemicals including Methyl Chloride, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.