

Methyl Chloride



General characteristics: A colorless, flammable, liquefied gas with a sweet-like odor.

Health hazards: Toxic. Odor does not give adequate warning of presence. Affects the central nervous system.

TLV-CEILING: 100 ppm

TLV-TWA: 50 ppm
(ACGIH 1996)

Flammable limits: 8-17%

Molecular weight: 50.5

CGA valve outlet: 510/180

DOT class: 2.1 (Flammable Gas)

DOT label: Flammable Gas

Specific volume: 7.6 ft³/lb. at 70°F

Specific gravity
(Air = 1): 1.74 at 32°F

Material recommendation: Normal materials except aluminum can be used.

CAS No. 74-87-3

UN No. 1063

Product / Code	Purity	Cylinder Size	SAP	Volume Lbs.	Pressure @ 70°F PSIG	Equipment Recommendation Ordering Information on Reference Page
Methyl Chloride Instrument 405100	99.5% Liquid phase	761 *	5774	1300	59	To maintain gas quality and safety at the point of use see toxic gas system page 139. Single stage high purity regulator, see page 146. Lecture bottle regulator, see page 162. Lecture bottle control valve, see page 210.
		454 *	5748	800	59	
		110	5725	100	59	
		016	5666	25	59	
		LBS	5791	0.5	59	

* Equipped with double valving to allow either liquid or gaseous withdrawal.