

Methyl Chloride (CH₃Cl)

A colorless, flammable liquefied gas with a slightly sweet odor. Odor does not give adequate warning of presence.

Purity Specifications	Minimum Purity
Chemically Pure (CP)	99.5%

PRODUCT	Ordering Information					Equipment Recommendations		
	Cylinder Size	Contents lbs	Standard Valve Outlet (CGA)	Product Number	Cylinder Pressure at 70°F (psig)	Description Product Number	Delivery Pressure Range (psig)	Page Number
Chemically Pure (CP)	1/2 TON	830	510	MC CPHTN	59	Single-Stage Regulators Y11-C441A510	0-25	E28
	1/4 TON	400	510	MC CP400	59			
	350	175	510	MC CP350	59			
	LP5	25	510	MC CPLP5	59			
Certificate of Conformance provided upon request.						Manual Flow Control Valve Y30-411510		E101

Technical Data & Shipping Information	
Molecular Weight	50.49
Specific Volume	7.7 cf/lb @70° F
Flammability Limits in Air	8.1 - 17.4% in Air
U.S. DOT Name	Methyl Chloride
ID Number	UN 1063
U.S. DOT Hazard Class	2.1
U.S. DOT Label	Flammable Gas
CAS Registry	74-87-3

Monomethylamine (CH₃NH₂)

A colorless, flammable liquefied gas with a characteristic fishy or ammonia-like odor.

Purity Specifications	Minimum Purity
Chemically Pure (CP)	99.5%

PRODUCT	Ordering Information					Equipment Recommendations		
	Cylinder Size	Contents lbs	Standard Valve Outlet (CGA)	Product Number	Cylinder Pressure at 70°F (psig)	Description Product Number	Delivery Pressure Range (psig)	Page Number
Chemically Pure (CP)	1/2 TON	550	705	MN CPHTN	30	Manual Flow Control Valve Y30-411705	N/A	E101
	350	125	705	MN CP350	30			
Certificate of Conformance provided upon request.								

Technical Data & Shipping Information	
Molecular Weight	31.06
Specific Volume	12.5 cf/lb @70° F
Flammability Limits in Air	4.9 - 20.7% in Air
U.S. DOT Name	Methylamine, Anhydrous
ID Number	UN 1061
U.S. DOT Hazard Class	2.1
U.S. DOT Label	Flammable Gas
CAS Registry	74-89-5