

# METHYL ACETYLENE (C<sub>3</sub>H<sub>4</sub>)

A colorless, flammable, liquefied gas with a detectable odor.

Purity Specifications	Grade 1.0 90%	Grade 1.8 98%
Other Hydrocarbons	< 10 %	< 2 %
Moisture	< 10 ppm	< 5 ppm
Total Impurities	< 10 %	< 2 %

Moisture level guaranteed only when AGT prepares the cylinders.  
All concentrations are on a mol/mol basis unless otherwise stated.  
This product is analyzed liquid phase.  
Product sold on the basis of total impurities. Individual impurities may vary slightly.

Cylinder Size	Fill Weight (lbs)
LP30	110.0
LP15	50.0
LP05	20.0
LP01	5.0
49	50.0
44	45.0
16	17.0
7	7.0

## Technical Data:

Mol. Wt: ..... 40.065  
Sp. Volume: ..... 9.65 cf/lb  
Vapor Pressure @ 70°F: ..... 60 psig  
Flammability Limits: ..... 1.7 - 11.7% in Air  
Valve Outlet: ..... CGA 510  
LB CGA 170

## Shipping Information:

DOT Name: ..... Compressed Gas, Flammable, n.o.s. (METHYLACETYLENE)  
Hazard Class: ..... 2.1  
DOT No.: ..... UN 1954  
DOT Label: ..... Flammable Gas  
CAS No.: ..... 74-99-7

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