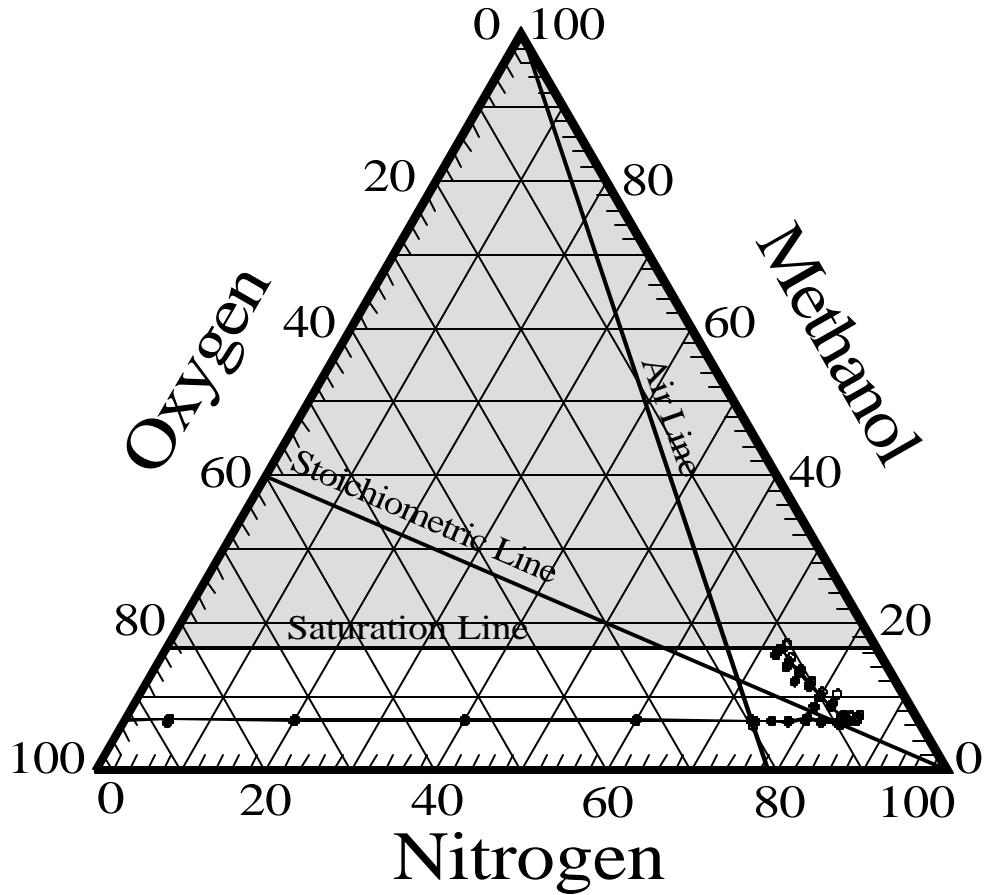


Flammability Diagram for Methanol



Mark R. Brooks and Dr. Daniel A. Cowl
 Hazards Evaluation Laboratory
 Michigan Technological University
 Houghton, Michigan
 June 20, 2001

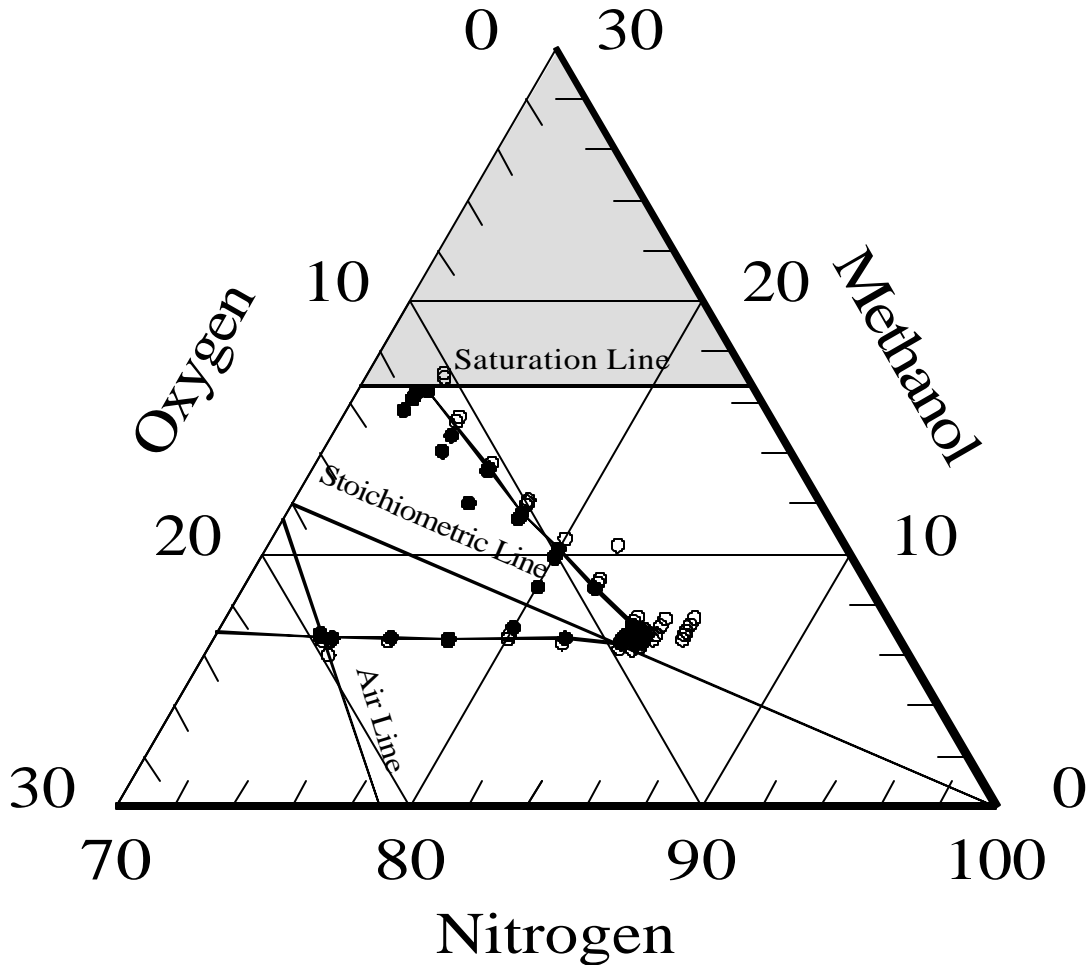
Flammability Parameters

Lower Flammability Limit (LFL): 6.7% Methanol
 Minimum Oxygen Concentration (MOC): 8.6% O₂
 Flammable Boundary at Saturation (FBS): 11.1% O₂

- Flammable Mixture
- Non-Flammable Mixture
- Flammable Zone Boundary

Initial Pressure: 14.70 psia
 Initial Temperature: 25°C
 Reactor Volume: 20 L
 Igniter Location: Center
 Igniter Type: 1 cm 40 AWG SnCu / 500 VA
 Igniter Energy: 10 J

Flammability Diagram for Methanol (Close-Up View)



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