

# Summit Technology Management



## Indonesia, Malaysia, Thailand

P. O. Box 281, Pejabat POS Bandar Johor Bahru,  
80000 Johor Bahru, Johor, Malaysia



### Toluene

#### FORMULA

C<sub>7</sub>H<sub>8</sub>

#### DESCRIPTION

Toluene is a colorless, water-insoluble hydrocarbon liquid with the smell associated with paint thinners. It is a mono-substituted benzene derivative, consisting of a CH<sub>3</sub> group attached to a benzyl group. Toluene is widely used as an industrial feedstock and as a solvent.

#### PROPERTIES

Parameter	Unit	Quantity
Specific gravity	°C at 20°C/20°C	0.865 – 0.875
IBP	°C at 1.0 atm	109 min
FBP	°C at 1.0 atm	113 max
CAS number	108-88-3	
IUPAC name	2-Methoxy-2-methylpropane	

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### SPECIFICATIONS

Parameter	Unit	Quantity	Test Method
Aromatics Purity	wt %	99.70 min	ASTM D-5441
Benzene	wt %	0.03 max	ASTM D-5441
Acid Wash Color	wt %	2.0 max	ASTM D-848
Total Sulphur	mg/kg	1.0 max	ASTM D-7183
Color	Pt-co	20 max	ASTM D-1209
Water	mg/kg	1000 max	ASTM E-1046