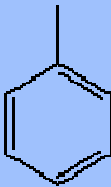


TOLUENE

GENERAL

Toluene is a chemical that occurs naturally in crude oil and is extracted during the refining process. Toluene is used in many industrial processes and commercial products from paint and printing inks to fabric coatings, artificial sweeteners, cosmetics, flexible foams and automotive parts

PHYSICAL PROPERTY & DESCRIPTION	CAS NO.	STRUCTURE
Appearance & Odor: Liquid. Clear. Colorless Aromatic odor. pH: Not determined. Vapor Pressure: 26 mm Hg at 25 °C Vapor Density: 3.2 Boiling Point: 231°F(111°C) Melting Point: Not determined. Solubility In Water: Negligible, below 0.1%. Specific Gravity (Water=1): 0.87	108-88-3	
	SYNONYM	
	Toluol	
	MOL WT.	
	C7H8 92.14	

PRECAUTION IN HANDLING

Do not breathe vapors. Do not get in eyes. Do not get on skin or clothing. Store in flammable liquids storage area. Store away from heat, ignition sources, and open flame in accordance with applicable regulations. Keep container closed.

SPECIFICATION

Purity	wt%	MIN 99.5	GAS. CHRO
Specific Gravity	-	0.869 ~ 0.873	ASTM D3505
Color(Pt-co)	¡£	MAX 20	ASTM D1209
Total Distillation Range (1 Atm)	¡É	110.6¡É ¡âT 1¡É (from IBP)	ASTM D850
Water	wt. ppm	SATURATED	ASTM D1364
Acidity	wt. ppm	NEUTRAL	ASTM D847
Acid Wash Color	-	MAX 2	ASTM D848
Sulfur(H2s,So2)	wt. ppm	MAX 1	ASTM D853
N-aromatics	wt%	MAX 0.5	ASTM D2360
Relative Density 15.56/15.56¡É	g/§"	0.869 ~ 0.873	ASTM D3505
Appearance	-	Clean Liquid Free Of Sediment and Haze When Observed at 18.3 to 25.6¡É	

COMMENTS