



# Product Specification

## Product Name: TOLUENE TG

Alternate Name(s) Toluol, Methylbenzene, phenylmethane

### Description

Colourless liquid, with a characteristic benzene-like odour.

### Properties

Chemical Formula: C<sub>6</sub>H<sub>5</sub>CH<sub>3</sub>

Molecular Weight: 92.14

Product Code: TT014

CAS No. 108-88-3

### General Information:

Toluene is soluble in alcohol, benzene, ether, but insoluble in water. Flammable, dangerous fire risk.

### Hazard and Safety Data

UN Group: II  
Class: 3  
UN Number: 1294  
Hazchem code: 3[Y]E  
CS MSDS Code: 1CH75  
Poison schedule: S6  
Emergency  
Procedure Guide No.: 16

### Quality Specification

Assay: 98.0% min.

### Specific Properties and Impurities [Typical levels]:

Melting point	-94.5°C
Refractive Index (20°C)	1.497
Boiling Range	110.2° - 115.7°C
Density (gm/ml)	0.872 at 20°C
Flash Point (°C)	4.4
Explosive limits in air	1.27 - 7.0%
Color (Pt-Co)	≤ 20
Acidity	Non detected
Benzene content	≤ 0.1%

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