

# TOULENE



CAS Number: 108-88-3

Other Names: Methyl benzene; Phenyl methane; Toluol; Anisen

Formula:  $C_6H_5CH_3$  or  $C_7H_8$

---

## PRODUCT INTRODUCTION

Toluene is a clear water-insoluble solvent with a molecular formula of  $C_7H_8$ . It has an aromatic, benzene-like smell and is a highly volatile flammable liquid. It is insoluble in water and soluble in acetone, absolute alcohol, ether, chloroform, benzene, petroleum ether, glacial acetic acid, and carbon disulfide. It is obtained from petroleum and coal tar and is predominantly used as a solvent in the manufacturing of other organic chemicals.

---

## PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear
Acidity	No free acid
Color (Acid Wash )	No.1
Color (Pt-Co)	No.1
Copper Corrosion	Pass
Distillation, IBP	110.0°C
Distillation, 50%	110.6°C
Distillation, Dry Point	110.7 °C
Distillation, Recovery	98.5 Vol Pct
Distillation, IVP-DRY Range	0.7
Specific Gravity at 15.56/15.56°C	0.8715
Non Aromatics	0.425 wt.%
Benzene	0.018 wt.%
Toluene (Purity)	99.531 wt. %
Water Content	47.5 wt. %
Sulfur	0.10 wt. %

---

## APPLICATIONS

- The main chemical use of toluene is to make benzene, xylenes and other solvents.
  - It can also be used to manufacture other chemicals such as phenol, nitrobenzene, benzoic acid and benzyl chloride.
  - As a solvent, toluene can be used in paints, paint thinners, adhesives, inks, resins, cleaning agents, leather tanners and inks.
  - It can also be used to manufacture polymers that produce nylon, plastic soda bottles and for pharmaceuticals, dyes and cosmetic products.
  - Toluene is also used as a coolant in sodium cold traps underneath nuclear reactor loops.
  - The user end markets of this product are the chemical, paints, adhesive, cleaning, leather, plastics, cosmetic and pharmaceutical industries.
- 

## PACKING OPTIONS

Tanks

Drums

---

To Get A Quote, Email On [marketing@sanjaychemindia.com](mailto:marketing@sanjaychemindia.com)