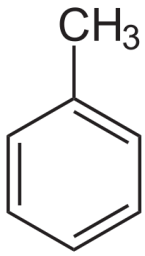
ZARYA

Toluene
Technical Data Sheet (TDS)

- **Chemical formula:** $C_6H_5CH_3$
- **CAS:** 108-88-3
- **RTECS:** XS5250000
- **EINECS:** 203-625-9
- **GOST 9880**
- **Appearance:** Toluene is a colorless liquid without sediment.



Synonyms: Methacide; Methylbenzene; Phenylmethane; Antisal la; Benzene, methyl-; Methane, phenyl-; Methylbenzol; Tolu-Sol; Toluеen; Toluen; Toluene; Tolueno; Toluol; Toluolo.

PHISYCAL AND CHEMICAL PROPERTIES

Physical Description	liquid
Toluene content (wt, min)	99,2 %
Molecular weight:	92,14 g/mol
Density (20 ºC):	0,8669 g/cm3
Melting point:	-94,99 ºC
Boiling point:	110,62 ºC
Flash point:	- 4,4 ºC
Autoignition temp.:	552 ºC

TOXICOLOGICAL DATA
LD 50 (oral, rat): 7530 mg/kg

TRANSPORT/STORAGE
CLASS 3: Flammable liquid; Toluene UNNA: 1294 PG: II

APPLICATION AREAS
Toluene is used as a feedstock for a number of chemical syntheses including production of TDA, TDI, DNT, TNT, benzene and xylene. Toluene is also used as a component of solvents in paint and lacquer industry and as an octane enhancing component of gasoline.

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www.zaryachem.com

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