

Technical Data Sheet (TDS)

Toluene

HS code: 29023000

Description:

Toluene is a clear colorless and water-insoluble liquid with a specific aromatic odor and includes of a methyl group attached to a phenyl group.

Toluene is used as solvent or a chemical intermediate in several industrial applications.

As such, its systematic IUPAC name is methylbenzene.

Property	Specification Value	Test Method
Purity wt. %	99.9 min (expected value :99.8)	ASTM D 2360 -11
None Aromatics wt. %	0.1 max	ASTM D 2360 -11
Benzene wt. %	0.03 max	ASTM D 2360 - 11
Distillation range °c at 760 mm Hg	1.0 max including 110.6	ASTM D 850 - 02
Appearance	Clear liquid free of sedimentation or haze at 18.3 to 25.6 °C	VISUAL
Total Sulphur wt. ppm	1.0 max	ASTM D 4045 – 04
Copper Corrosion	Pass (1a or 1b)	ASTM D 849 – 11
Color, Pt-Co scale	20 max (expected value :10)	ASTM D 1209 – 11
Acid wash color	2 max	ASTM D 848 – 09
Acidity	None detected	ASTM D 847 –08
Specific Gravity at 15.56 °C	0.869 – 0.873	ASTM D 4052 – 11
S02/H2S	None detected	ASTM D 853 – 04
Vapor pressure (psi)	1.1	ASTM D 323 - 08



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