

Technical Datasheet

Product Name	Toluene
Product Code	T1402
CAS Registry Number	108-88-3
Description	Toluene is a narrow boiling range, medium evaporating solvent for uses where high solvency is required.

Sales Specification

Property	Method	Unit	Minimum	Maximum
Appearance	Visual	Clear & Free From Suspended Matter		
Colour, Saybolt	ASTM D6045	-	25	
Density at 15°C	ASTM D4052	kg/L	0.865	0.875
Distillation, IBP	ASTM D1078	°C	109	
Distillation, DP	ASTM D1078	°C		113
Benzene	ASTM D6563	% m/m		0.09
Aromatics	ASTM D6563	% m/m	97.5	
Electrical Conductivity	ASTM D2624	pS/m	200	

Typical Properties

Property	Method	Unit	Value
Colour, Saybolt	ASTM D6045	-	+30
Density at 15°C	ASTM D4052	kg/L	0.869
Distillation, IBP	ASTM D1078	°C	110
Distillation, DP	ASTM D1078	°C	111
Paraffins	GC	% m/m	<1
Naphthenes	GC	% m/m	<1
Aromatics	GC	% m/m	99
Benzene	ASTM D6563	% m/m	0.03
Flash Point, Abel	IP 170	°C	4
Electrical Conductivity at 23°C	ASTM D2624	pS/m	400

Test Methods

Copies of copyrighted test methods can be obtained from the issuing organisations:

American Society for Testing and Materials (ASTM): www.astm.org

Energy Institute (IP): www.energyinst.org.uk

Note: For routine quality control analyses, local test methods may be applied that are different from those mentioned in this datasheet. Such methods have been validated and can be obtained from Viva Energy.

Quality

Toluene does not contain detectable quantities of polycyclic aromatics, heavy metals or chlorinated compounds.

Storage and Handling

Provided proper storage and handling precautions are taken we would expect Toluene to be technically stable for at least 12 months. For detailed advice on Storage and Handling please refer to the Safety Data Sheet at www.vivaenergy.com.au/services/sds.

Hazard Information

For detailed Hazard Information please refer to the Safety Data Sheet at www.vivaenergy.com.au/services/sds.

Warranty

All products purchased or supplied by Viva Energy are subject to terms and conditions set out in the contract, order acknowledgment and/or bill of lading. Viva Energy warrant that their product will meet those specifications designated as such herein or in other publications. All other information including that herein, supplied by Viva Energy is considered accurate but is furnished upon the express condition that the customer shall make its own assessment to determine the products' suitability for a particular purpose. Viva Energy make no other warranty either expressed or implied, regarding such other information, the data upon which the same is based, or the results to be obtained from use thereof; that any products shall be merchantable or fit for any purpose; or that the use of such other information or product will not infringe any patent.