

Technical Datasheet

Product Name	VivaSol D80
Product Code	V1001
CAS Registry Number	64742-47-8
Description	VivaSol D80 is a narrow boiling range, high flash point solvent widely used in the timber treatment and mining industry.

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	0.800	0.830
Distillation, IBP	ASTM D86	°C	195	
Distillation, FBP	ASTM D86	°C		250
Flash Point, PMCC	ASTM D93	°C	70	
Aniline Point	ASTM D611	°C	60	75

Typical Properties

Property	Method	Unit	Value
Colour, Saybolt	ASTM D6045	-	30
Density at 15°C	ASTM D4052	kg/L	0.819
Distillation, IBP	ASTM D86	°C	201
Distillation, FBP	ASTM D86	°C	233
Relative Evaporation Rate (nBuAc = 1)	ASTM D3539	-	0.01
Paraffins	GC	% m/m	35
Naphthenes	GC	% m/m	65
Aromatics	GC	% m/m	0
Flash Point, PMCC	ASTM D93	°C	75
Aniline Point	ASTM D611	°C	67
Surface Tension at 20°C	ASTM D971	mN/m	26
Viscosity at 25°C	ASTM D445	cSt	2.1
Hildebrand Solubility Parameter	-	(cal/cm ³) ^{1/2}	7.6
Electrical Conductivity at 23°C	ASTM D2624	pS/m	10

Test Methods

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

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

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

VivaSol D80 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 VivaSol D80 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

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