

Technical Datasheet

Product Name

Mineral Turpentine

Product Code

200006101

CAS Registry Number

64742-82-1

Description

Mineral Turpentine is a narrow boiling range, medium evaporating solvent widely used in oil-based paints and for cleaning brushes. Viva Energy Mineral Turpentine conforms to Australian Standard AS 3530.

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	0.820
Distillation, IBP	ASTM D86	°C	145	155
Distillation, 10% v/v	ASTM D86	°C	150	160
Distillation, 50% v/v	ASTM D86	°C	160	170
Distillation, 95% v/v	ASTM D86	°C	180	190
Distillation, FBP	ASTM D86	°C		200
Flash Point, Abel	IP 170	°C	31	
Aniline Point	ASTM D611	°C	20	25
Aniline Point (85-95% volume fraction)	ASTM D611	°C		36
Copper corrosion	ASTM D130	-		1
Evaporation residue	ASTM D1353	mg/100mL		20
Electrical Conductivity	ASTM D2624	pS/m	200	

Storage and Handling

Provided proper storage and handling precautions are taken we would expect Mineral Turpentine 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.

Typical Properties

Property	Method	Unit	Value
Colour, Saybolt	ASTM D6045	-	+30
Density at 15°C	ASTM D4052	kg/L	0.810
Distillation, IBP	ASTM D86	°C	150
Distillation, 10% v/v	ASTM D86	°C	155
Distillation, 50% v/v	ASTM D86	°C	165
Distillation, 95% v/v	ASTM D86	°C	185
Distillation, FBP	ASTM D86	°C	190
Paraffins	GC	% m/m	38
Naphthenes	GC	% m/m	17
Aromatics	GC	% m/m	45
Flash Point, Abel	IP 170	°C	40
Aniline Point	ASTM D611	°C	23
Aniline Point (85-95% volume fraction)	ASTM D611	°C	27
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

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

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.