



Data Sheet

Issued:

13-May-2005

Product Name

Mineral Turpentine

Product Code**Q7249****Asia Pacific****ANZ****Product Category****White Spirits****Description**

Mineral Turpentine is a wide boiling range, medium evaporating solvent widely used in the paint industry. Mineral Turpentine conforms to Australian Standard AS 3530.

Sales Specification

Property	Unit	Min	Max	Method
Appearance		Cl & FFSM		Visual
Color	Saybolt	25		ASTM D156
Density @15°C	g/mL	0.800	0.820	ASTM D4052
Copper Corrosion			1	ASTM D130
Distillation, IBP	°C	145	155	ASTM D86
Distillation, 10%v	°C	150	160	ASTM D86
Distillation, 50%v	°C	160	170	ASTM D86
Distillation, 95%v	°C	180	190	ASTM D86
Distillation, FBP	°C		200	ASTM D86
Flash Point (Abel)	°C	31		IP 170
Aniline Point	°C	20	25	ASTM D611 (4)
Aniline Point (85-95%v fraction)	°C		36	ASTM D611 (4)

(1) Guaranteed, (2) Typical, (3) Report Only, (4) Guaranteed spec with typical result

Typical Properties	Property	Unit	Method	Value
	Color	Saybolt	ASTM D156	+29
	Odor	-	-	Marketable
	Density @15°C	kg/L	ASTM D4052	0.814
	Copper Corrosion (3hr @100°C)	-	ASTM D130	1
	Non Volatile Matter	mg/100mL	ASTM D1353	4
	Distillation, IBP	°C	ASTM D86	149
	Distillation, 10%v	°C	ASTM D86	154
	Distillation, 50%v	°C	ASTM D86	165
	Distillation, 95%v	°C	ASTM D86	185
	Distillation, FBP	°C	ASTM D86	195
	Flash Point	°C	IP 170	35
	Aniline Point (M=Mixed)	°C	ASTM D611	23
	Aniline Point (85-95%v fraction)	°C	ASTM D611	27
	Electrical Conductivity @23°C	pS/m	ASTM D2624	400
Test Methods	<p>Copies of copyrighted test methods can be obtained from the issuing organisations:</p> <p>American Society for Testing and Materials (ASTM) : www.astm.org Energy Institute (IP) : www.energyinst.org.uk Deutsches Institut für Normung (DIN) : www.din.de</p> <p>Shell Method Series (SMS) methods are issued by Shell International Chemicals B.V., Shell Research and Technology Centre, Amsterdam, The Netherlands. Copies of SMS can be obtained through your local Shell Chemicals company.</p> <p>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 through your local Shell Chemicals company.</p>			
Quality	Mineral Turpentine does not contain detectable quantities of polycyclic aromatics, heavy metals or chlorinated compounds.			
Storage and Handling	<p>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 Material Safety Data Sheet on www.shell.com/che</p>			
Hazard Information	For detailed Hazard Information please refer to the Material Safety Data Sheet on www.shell.com/chemicals .			

Warranty

All products purchased or supplied by Shell are subject to terms and conditions set out in the contract, order acknowledgment and/or bill of lading. Shell warrants that its product will meet those specifications designated as such herein or in other publications. All other information including that herein, supplied by Shell 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. Shell makes 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.

The expression 'Shell Chemicals' refers to the companies of the Royal Dutch/Shell Group which are engaged in chemical businesses. Each of the companies which make up the Royal Dutch/Shell Group of companies is an independent entity and has its own separate identity.