



## Data Sheet

**Issued:**

19-Oct-2007

**Product Name**

# Hexane

**Product Code**
**Q1255      Asia Pacific      ANZ**
**Product Category**
**Special Boiling Point Solvents**
**Description**

Hexane is a narrow boiling range, fast evaporating solvent widely used in the adhesive industry and in the extraction of vegetable oils.

**Sales Specification**

Property	Unit	Min	Max	Method
Appearance	Clear & Free From Suspended Matter			Visual
Density @15°C	g/ml	0.665	0.685	ASTM D4052
Color	Saybolt	25		ASTM D156
Distillation, IBP	°C	60		ASTM D1078
Distillation, DP	°C		70	ASTM D1078
Aromatics				GC (2)
Benzene	%m/m		0.09	GC
Aniline Point	°C	63	69	ASTM D611
Electrical Conductivity	pS/m		30	ASTM D2624

(2) Typical / Representative value provided

**Typical Properties**

Property	Unit	Method	Value
Density @15°C	kg/l	ASTM D4052	0.677
Color	Saybolt	ASTM D156	+30
Distillation, IBP	°C	ASTM D1078	64
Distillation, DP	°C	ASTM D1078	69
Paraffins	% m/m	GC	85
Naphthenes	% m/m	GC	15
Aromatics	% m/m	GC	< 0.1
Benzene	% m/m	GC	0.03
Flash Point	°C	IP 170	-30
Electrical Conductivity @23°C	pS/m	ASTM D2624	10
Aniline Point	°C	ASTM D611	65

<b>Test Methods</b>	<p>Copies of copyrighted test methods can be obtained from the issuing organisations:</p> <p>American Society for Testing and Materials (ASTM) : <a href="http://www.astm.org">www.astm.org</a>  Energy Institute (IP) : <a href="http://www.energyinst.org.uk">www.energyinst.org.uk</a></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>
<b>Quality</b>	<p>Hexane does not contain detectable quantities of polycyclic aromatics, heavy metals or chlorinated compounds.</p>
<b>Storage and Handling</b>	<p>Provided proper storage and handling precautions are taken we would expect Hexane 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 <a href="http://www.shell.com/chemicals">www.shell.com/chemicals</a>.</p>
<b>Hazard Information</b>	<p>For detailed Hazard Information please refer to the Material Safety Data Sheet on <a href="http://www.shell.com/chemicals">www.shell.com/chemicals</a>.</p>
<b>Warranty</b>	<p>All products purchased or supplied by Shell Chemicals are subject to terms and conditions set out in the contract, order acknowledgment and/or bill of lading. Shell Chemicals warrant that their product will meet those specifications designated as such herein or in other publications. All other information including that herein, supplied by Shell Chemicals 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 Chemicals 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.</p> <p>The expression 'Shell Chemicals' refers to the companies of the Shell Group that are engaged in chemical businesses. Each of the companies that make up the Shell Group of companies is an independent entity and has its own separate identity.</p>