

**Data Sheet** IS 2.3.6Issued July 2001, 6<sup>th</sup> Edition

<b>Product name</b>	<i>SHELLSOL TM</i>			
<b>Description</b>	SHELLSOL TM is an isoparaffinic hydrocarbon solvent with a characteristically low odour. CAS Registry Number 64741-73-7 EINECS Number 265-074-0			
<b>Typical properties</b>	<b>Property</b>	<b>Unit</b>	<b>Test method</b>	<b>Value</b>
	Density at 15°C	kg/L	ASTM D4052	0.779
	Colour (Saybolt)		ASTM D156	+30
	Initial boiling point	°C	ASTM D1078	215
	Dry point	°C	ASTM D1078	260
	Flash point (PMCC)	°C	ASTM D93	86
	Benzene	mg/kg	G.C.	<1
	Aromatics	% v/v	SMS 2728	0.0010
	Sulphur content	mg/kg	SMS 1897	<0.1
	Refractive index at 20°C		ASTM D1218	1.442
	Bromine index	mgBr/100g	ASTM D2710	<10
	Copper corrosion, 3 hr/100°C		ASTM D130	1
	Doctor test	°C	ASTM D4952	negative
	Viscosity at 25°C	mm <sup>5</sup> /s	ASTM D445	3.30
<b>Solvent properties</b>	<b>Property</b>	<b>Unit</b>	<b>Test method</b>	<b>Value</b>
	Aniline point	°C	ASTM D611	85
	Relative evaporation rate (nBuAc=1)		ASTM D3539	0.006
	Relative evaporation rate (ether=1)	DIN 53170		>3900

Safety data	Property	Unit	Test method	Value
	Flash point (PMCC)	°C	ASTM D93	86
	Lower explosion limit in air	% v/v		0.6
	Upper explosion limit in air	% v/v		6.0
	Autoignition temperature	°C	ASTM E659	375
	Transport:			
	ADR/RID class/item/label			-
	IMO UN number/label			-
	class/packing group			-
	EC user label:			
	Symbol			Xn
	Risk phrases			65,66,53
	Safety phrases			62
<b>Test methods</b>	<p>ASTM methods are published by the American Society for Testing and Materials, 1916 Race Street, Philadelphia, Pa 19103, USA, and are available in Europe from ASTM European Office, 27-29 Knowl Piece, Wilbury Way, Hitchin, Herts, SG4 OSX, UK.</p> <p>DIN methods are published by Beuth Verlag GmbH., Burggrafenstrasse 4-7, D1000, Berlin, Germany.</p> <p>SMS methods are issued by Shell International Chemicals B.V., Shell Research and Technology Centre, Amsterdam, The Netherlands, and are available through your local Shell Chemicals company.</p> <p>The test methods mentioned above are not necessarily those used for routine quality control analysis, but such methods have been validated against them.</p>			
<b>Composition</b>	SHELLSOL TM is manufactured to the highest standards. It does not contain detectable quantities of polycyclic aromatics, heavy metals or chlorinated compounds.			
<b>Applications</b>	SHELLSOL TM is used in applications where its low odour is of value. These include household products (cleaners, lighter fuels, waxes and polishes), surface coatings, printing inks, industrial and textile cleaning, photocopier toner dispersants, cosmetics, pesticide formulations, wallpaper manufacture etc.			
<b>Storage and handling</b>	<p>Provided proper storage and handling precautions are taken we would expect SHELLSOL TM to be stable for at least 12 months.</p> <p>Advice on storage and handling may be obtained from your local Shell Chemicals company. SHELLSOL TM is available from Shell in bulk and drums; details available on request.</p>			
<b>Hazard information</b>	<p>SHELLSOL TM is not considered hazardous.</p> <p>For advice please refer to Safety Data Sheet IS 2.3.6</p>			
<b>Warranty</b>	Shell companies have their own separate identities, but in this publication the collective expressions "Shell" and "Group" are sometimes used for convenience in contexts where the reference is to companies of the Royal Dutch/Shell Group in			

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<b>Product code</b>	Q7427
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