



<b>Safety data</b>	<b>Property</b>	<b>Unit</b>	<b>Test method</b>	<b>Value</b>
	Flash point (PMCC)	°C	ASTM D93	93
	Lower explosive limit in air	% v/v		1.0
	Upper explosive limit in air	% v/v		9.9
	Autoignition temperature	°C	ASTM E659	425
	Transport: ADR/RID class/item/label			-
	IMO UN number/label			-
	class/packing group			-
	EC user label: Symbol			Xi
	Risk phrases			36/38
	Safety phrases			-
<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>			
<b>Specifications</b>	<p>Hexylene glycol can be supplied to meet the requirements of ASTM D2636. Please contact your local Shell Chemicals company if you need more details.</p>			
<b>Applications</b>	<p>Hexylene glycol is used as a coupling agent in the manufacture of hydraulic fluids, industrial cleaning compounds, soluble oils and dry cleaning soaps. In latex paints, hexylene glycol is a valuable and versatile additive; it aids coalescence, promotes levelling and smoothness of films, enhances film integrity and preserves freeze-thaw resistance. Solvent uses for hexylene glycol include the preparation of dyes, and synthetic resin-base- flash-dry and steamset inks. It also functions as a moistening and softening agent for composition cork, casein, leather, paper and textile fibres, and as a wetting or dispersing agent in polishes and cleaners. Other applications for hexylene glycol include its use as an ingredient in grinding and extrusion aids and as a solvent palsticiser in surface coatings.</p>			
<b>Storage and handling</b>	<p>Provided proper storage and handling precautions are taken we would expect hexylene glycol to be stable for at least 12 months.</p> <p>Advice on storage and handling may be obtained from your local Shell Chemicals company. Hexylene glycol is available from Shell in bulk and drums; details available on request.</p>			
<b>Hazard information</b>	<p>Hexylene glycol is irritating to the eyes and skin.</p> <p>For further advice please refer to Material Safety Data Sheet reference IS 3.2.13.</p>			
<b>Warranty</b>	<p>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 general or where no useful purpose is served by identifying the particular Shell company or companies.</p> <p>The information contained in this publication is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control. Furthermore, nothing contained herein shall be constructed as a recommendation to use any product.</p>			

<b>Product code</b>	S1218
	<p>Hexylene glycol is a Shell trade mark.</p> <p>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.</p> <p>The information contained in this publication is to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control. Furthermore, nothing contained herein shall be constructed as a recommendation to use any product.</p>