

## SALES PRODUCT SPECIFICATION

<b>Product Name :</b>	Mono Propylene Glycol USP
<b>Specification Reference :</b>	11/MPG/USP/L/1
<b>Issue No :</b>	1
<b>Date of Issue :</b>	22/02/11

Properties	Min	Max	Units	Test Method
Appearance	Pass			LCC3641
Assay as PG, on a dry basis	99.70%		Weight %	LCC130
Colour, Pt-Co		10	APHA Colour	LCC3641
Iron		0.50	Weight ppm	LCC3290
Odour	Pass			LCC3610
Water		0.2	Weight %	LCC3311
Typical Values				
Arsenic as As		1	Weight ppm	LCC3242
Distillation IBP @760mmHg	186		°C	LCC3151
Distillation DP @760mmHg		189	°C	LCC3151
IR Spectrum	Pass			USP
Organic Volatile Impurities	Pass			USP
Oxidiz Subst as ml thiosulphate		0.2	Millilitre	LCC3911
Reducing Substances	Pass			LCC3910
Refractive Index @ 25°C	1.431	1.432		LCC3180
Residue on Ignition		3.5	Mg/50g	LCC3140
Specific Gravity @ 25/25°C	1.035	1.037		LCC3131
Sulphate		0.006	Weight %	LCC3225
Acidity (ml 0.1N NaOH/10ml)		0.05		LCC3211
Heavy Metals as Pb		5	Weight ppm	LCC3275
Chlorides as Cl		1	Ppm	LCC3221
Ethylene Glycol		250	Ppm	LCC130
Diethylene Glycol		250	Ppm	LCC130

Any suggestion or representation concerning any possible use of the product made or supplied by Brenntag UK Limited, whether in literature or in response to a specific enquiry, is given in good faith, but it is entirely for the end user to satisfy itself fully as to the suitability of the product for any particular purpose. No warranty or representation relating to such possible use is expressly given or shall be implied (whether by statute or otherwise) and shall be excluded, so far as is legally permissible.



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<b>Additional Information :</b>
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*This certificate has been computer generated and therefore is not signed.*

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