

Trade Name	MasimoSol D70
Product Code	MAS 2004
Product Category	Aliphatic
CAS Registry	64742-47-8
Number EINECS	265-149-8
Description	MasimoSol D70 is a very low aromatic, inert hydrocarbonsolvent.

### Typical Properties

Property	Unit	Method	Value
Density @15°C	kg/l	ASTM D4052	0.793
Density @20°C	kg/l	ASTM D4052	0.79
Cubic Expansion Coefficient @20°C	(10 <sup>-4</sup> )/°C	-	9
Refractive Index @20°C	-	ASTM D1218	1.436
Color	Saybolt	ASTM D156	30
Distillation, IBP	°C	ASTM D1078	200
Distillation, DP	°C	ASTM D1078	240
Relative Evaporation Rate (nBuAc=1)	-	ASTM D3539	0.01
Vapor Pressure @20°C	kPa	Calculated	0.05
Saturated Vapour Concentration @20°C g/m <sup>3</sup>	Calculated	4	
Paraffins	% m/m	GC	60
Naphthenes	% m/m	GC	40
Aromatics	% m/m	SMS 2728	< 0.5
Benzene	mg/kg	GC	< 3
Sulfur	mg/kg	ASTM D5453	< 10
Flash Point	°C	ASTM D93	77
Explosion Limit: Lower	%v/v	-	0.6
Explosion Limit: Upper	%v/v	-	5.5
Electrical Conductivity @20°C	pS/m	-	< 1
Aniline Point	°C	ASTM D611	77
Pour Point	°C	ASTM D97	< -50
Surface Tension @20°C	mN/m	Du Nouy ring	26
Viscosity @25°C	mm <sup>2</sup> /s	ASTM D445	2
Hildebrand Solubility Parameter	(cal/cm <sup>3</sup> ) <sup>1/2</sup>	-	7.6
Hydrogen Bonding Index	-	-	0
Fractional Polarity	-	-	0
Molecular Weight	g/mol	Calculated	174



Masimo Chemicals South Africa (Pty) Ltd

Technical Data Sheet

MasimoSol D70

## Test Methods

Copies of copyrighted test methods can be obtained from the issuing organisations:

American Society for Testing and Materials (ASTM) : [www.astm.org](http://www.astm.org)

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 Masimo Chemicals South Africa Company.

## Quality

MasimoSol D70 does not contain detectable quantities of polycyclic aromatics, heavy metals or chlorinated compounds.

## Storage and Handling

Provided proper storage and handling precautions are taken, we would expect the product 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.masimochem.com](http://www.masimochem.com)

## Hazard Information

For detailed Hazard Information please refer to the Material Safety Data Sheet on [www.masimochem.com](http://www.masimochem.com)

## Trademark

MasimoSol is a Masimo Chemicals South Africa (Pty) Ltd trademark.

## Warranty / Disclaimer

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