

**Trade Name** MasimoSol X7B

**Product Code** MAS 2002

**Product Category CAS** Aromatics

**Registry Description** Mixture

**Description** MasimoSol X7B is a mixture of Toluene, Xylene and saturated aliphatic hydrocarbons to meet the requirements of a medium aromatic solvent. It has a good solvent power and is fast evaporating.

### Typical Properties

Property	Unit	Method	Value
Density @20°C	kg/l	ASTM D4052	0.823
Cubic Expansion Coefficient @20°C	(10 <sup>-4</sup> )/°C	-	11
Refractive Index @20°C	-	ASTM D1218	1.467
Color	Saybolt	ASTM D156	30
Doctor Test	-	ASTM D4952	Negative
Distillation, IBP	°C	ASTM D1078	110
Distillation, 50%v	°C	ASTM D1078	122
Distillation, DP	°C	ASTM D1078	139
Relative Evaporation Rate (nBuAc=1)	-	ASTM D3539	1.3
Paraffins	% m/m	GC	15
Naphthenes	% m/m	GC	10
Aromatics	%v/v	GC	73
Benzene	ppmvol	GC	< 300
Toluene	%v/v	GC	35
Sulfur	mg/kg	ASTM D5453	< 5
Flash Point	°C	IP 170	6
Explosion Limit: Lower	%v/v	-	0.9
Explosion Limit: Upper	%v/v	-	7.1
Electrical Conductivity @20°C	pS/m	-	< 10
Aniline Point	°C	ASTM D611	-5??
Aniline Point, Mixed	°C	ASTM D611	33
Pour Point	°C	-	< -30
Surface Tension @20°C	mN/m	Du Nouy ring	27
Viscosity @25°C	mm <sup>2</sup> /s	ASTM D445	0.67
Hildebrand Solubility Parameter	(cal/cm <sup>3</sup> ) <sup>1/2</sup>	-	8
Hydrogen Bonding Index	-	-	3
Fractional Polarity	-	-	0.001
Molecular Weight	g/mol	Calculated	102



## 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)  
Energy Institute (IP) : [www.energyinst.org.uk](http://www.energyinst.org.uk)

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 X7B 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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