

## SOLVENT DATA SHEET

<b>Substance</b>	<b>Fomula</b>	<b>Mr</b>	<b>B.P. °C</b>	<b>F.P. °C</b>	<b>S.G.</b>	<b>R.I.</b>
Acetone	$(\text{CH}_3)_2\text{CO}$	58	56	-17	0.792	1.360
Amyl acetate	$\text{CH}_3\text{COOC}_5\text{H}_{11}$	130	125	25	0.87	1.401
Amyl alcohol	$\text{C}_5\text{H}_{11}\text{OH}$	88	126	44	0.816	1.408
Anisole	$\text{CH}_3\text{OC}_6\text{H}_5$	108	152	41	0.994	
Benzene	$\text{C}_6\text{H}_6$	78	80	11	0.880	1.501
Benzyl alcohol	$\text{C}_6\text{H}_5\text{CH}_2\text{OH}$	108	200	140	1.05	1.540
Butan-1-ol	$\text{C}_4\text{H}_9\text{OH}$	74	110	36	0.81	1.396
Carbon disulphide	$\text{CS}_2$	76	46	-20	1.268	1.635
Cyclohexanol	$\text{C}_6\text{H}_{11}\text{OH}$	100	160	49	0.945	1.468
Chloroform	$\text{CHCl}_3$	119.5	61	--	1.48	1.449
Carbon Tetrachloride	$\text{CCl}_4$	156	77	--	1.609	1.461
Diethanolamine	$(\text{HOC}_2\text{H}_4)_2\text{NH}$	105		138	1.10	
Diethyl ether	$(\text{C}_2\text{H}_5)_2\text{O}$	74	35	-28	0.720	1.350
Dioxan	$(\text{CH}_2\text{CH}_2\text{O})_2$	88	100	12	1.031	1.42
Ethanol	$\text{C}_2\text{H}_5\text{OH}$	46	78	12	0.794	1.362
Ethyl acetate	$\text{CH}_3\text{COOC}_2\text{H}_5$	88	76	-0.5	0.906	1.373
Ethylene oxide	$\text{CH}_2\text{CH}_2\text{O}$	44		-17	0.9	
Ethylene glycol	$(\text{CH}_2\text{OH})_2$	62	194	115	1.114	
Methyl Ethyl ketone	$\text{CH}_3\text{COC}_2\text{H}_5$	72	70	-7	0.805	1.379
Glycerol	$\text{C}_3\text{H}_5(\text{OH})_3$	92		180	1.255	1.471
Methanol	$\text{CH}_3\text{OH}$	32	65	12	0.796	1.329
Nitropropane	$\text{C}_3\text{H}_7\text{NO}_2$	89	132	49	1.003	1.401
Nitrobenzene	$\text{C}_6\text{H}_5\text{NO}_2$	12.3	208	90	1.203	
Petrol ether			40-60	4	0.67	1.36
Propan-1-ol	$\text{C}_3\text{H}_7\text{OH}$	60	95	20	0.804	1.386
Pyridine	$\text{C}_5\text{H}_5\text{N}$	79	113	20	0.981	
Tetrachlorethane	$\text{C}_2\text{H}_2\text{Cl}_4$	168	147	--	1.601	1.495
Toluene	$\text{C}_6\text{H}_5\text{CH}_3$	92	109	7	0.868	1.496
Trichlorethylene	$\text{C}_2\text{HCl}_3$	131.5	87	--	1.471	1.479
Turpentine	$\text{C}_{10}\text{H}_{16}$	136		32	0.86	1.465
o-Xylene	$\text{C}_6\text{H}_4(\text{CH}_3)_2$	106	135	24	0.86	1.5