



Solvent Properties Chart

Lyondell Product	CAS Number	Chemical Name	Molecular Weight (g/mol)	Maximum Incremental Reactivity (SAPRC07 MIR, g ozone/g)	Federal VOC exempt status	CARB LVP-VOC exempt in consumer products	Evaporation Rate (n-BuAc=100)	Solubility in Water @ 20°C/68°F (%)	Density @ 20°C/68°F (lb/gal)	Density @ 20°C/68°F (Kg/L)	Flash Point °C	Flash Point °F	Boiling Point @ 760 mmHg (°C)	Boiling Point @ 760 mmHg (°F)	Specific Gravity (20/20°C)	Vapor Pressure @ 20°C/68°F (mmHg)	Viscosity (cP or mPa·s @ 25°C)	Refractive Index @ 25°C/77°F	Surface Tension (dynes/cm @ 25°C/77°F)
Glycol Ether PM	107-98-2	Propylene glycol methyl ether	90.1	2.34	VOC	no	70	100	7.6	0.917	32 (a)	89 (a)	120	248	0.923	8.1	2.0	1.404	27
Glycol Ether DPM	34590-94-8	Dipropylene glycol methyl ether	148.2	1.88	VOC	no	2	100	7.9	0.947	75 (a)	167 (a)	180	356	0.951	0.17	4.0	1.422	28
Glycol Ether TPM	25498-49-1	Tripropylene glycol methyl ether	206.3	1.81	VOC	yes	0.2	100	8.0	0.962	121 (b)	250 (b)	236	457	0.962	0.03	6.0	1.428	29
Glycol Ether PE	52125-53-8	Propylene glycol ethyl ether	104.1	3.19	VOC	no	44	100	7.5	0.899	35 (c)	95 (c)	132	270	0.898	10	1.8	1.405	30
Glycol Ether PNP	1569-01-3	Propylene glycol normal propyl ether	118.2	2.56	VOC	no	22	100	7.4	0.884	48 (a)	118 (a)	150	302	0.887	1.7	2.3	1.410	27
Glycol Ether DPNP	29911-27-1	Dipropylene glycol normal propyl ether	176.3	1.69	VOC	no	1.3	18	7.7	0.923	88 (c)	190 (c)	212	414	0.922	0.05	4.4	1.422	26
Glycol Ether PNB	5131-66-8	Propylene glycol normal butyl ether	132.2	2.59	VOC	no	7	6	7.3	0.875	62 (d)	144 (d)	170	338	0.880	0.62	3.5	1.416	26
Glycol Ether DPNB	29911-28-2	Dipropylene glycol normal butyl ether	190.3	1.72	VOC	yes	1	5	7.6	0.911	100 (c)	212 (c)	229	444	0.912	0.02	4.8	1.425	29
Glycol Ether TPNB	55934-93-5	Tripropylene glycol normal butyl ether	248.4	0.85	VOC	yes	<1	3	7.8	0.935	124 (b)	255 (b)	274	527	0.934	<0.01	8.0	1.433	30
Glycol Ether DM	111-77-3	Diethylene glycol methyl ether	120.2	2.55	VOC	no	2	100	8.5	1.020	84 (a)	183 (a)	194	380	1.023	0.2	3.9	1.427	35
Glycol Ether DE	111-90-0	Diethylene glycol ethyl ether	134.2	3.13	VOC	no	2	100	8.2	0.989	91 (a)	196 (a)	198	388	0.990	0.12	4.5	1.426	32
Glycol Ether EB	111-76-2	Ethylene glycol butyl ether	118.2	2.80	VOC	no	6	100	7.5	0.900	72 (a)	162 (a)	169	336	0.902	0.6	6.4	1.419	27
Glycol Ether DB	112-34-5	Diethylene glycol butyl ether	162.2	2.27	VOC	yes	0.3	100	7.9	0.951	106 (a)	223 (a)	230	446	0.955	0.06	4.7	1.432	30
Glycol Ether PMA	108-65-6	Propylene glycol methyl ether acetate	132.2	1.63	VOC	no	34	18	8.0	0.959	47 (a)	116 (a)	140	284	0.969	2.8	1.1	1.400	27
Glycol Ether EBA	112-07-2	Ethylene glycol butyl ether acetate	160.2	1.52	VOC	no	3	1	7.8	0.939	74 (a)	165 (a)	190	374	0.941	0.02	1.8	1.414	30
Glycol Ether DBA	124-17-4	Diethylene glycol butyl ether acetate	204.3	1.29	VOC	yes	0.2	6	8.2	0.978	116 (b)	241 (b)	242	468	0.980	0.01	3.2	1.424	30
Propylene Carbonate	108-32-7	Propylene carbonate	102.1	0.26	exempt	yes	0.5	23	10.0	1.198	135 (b)	275 (b)	242	468	1.206	0.03	2.4	1.419	41
Ethanol, 200 Proof	64-17-5	Ethanol	46.1	1.45	VOC	no	170	100	6.6	0.788	9 (c)	48 (c)	78	173	0.791	43	1.1	1.360	22
NMP	872-50-4	N-methyl-2-pyrrolidone	99.1	2.28	VOC	no	0.03	100	8.6	1.030	90 (c)	194 (c)	202	396	1.027	0.29	1.7	1.468	40
TBAC™ Solvent	540-88-5	Tertiary butyl acetate	116.2	0.17	exempt	no	280	0.3	7.2	0.863	4.4 (a)	40 (a)	98	208	0.867	31	<1	1.444	22
Tebol 99 *High Purity TBA	75-65-0	Tertiary butyl alcohol	74.0	0.39	VOC	no	95	100	6.5	0.779	11 (c)	52 (c)	82	180	0.80	31	3.3	1.38	20
THF	109-99-9	Tetrahydrofuran	72.0	4.11	VOC	no	8	100	7.4	0.888	-14 (a)	6.8 (a)	66	151	0.886	129	0.5	1.407	26

*Available in electronic grade

- (a) Tag Closed Cup
- (b) Pensky-Martens
- (c) Seta
- (d) Abel Closed Cup

bold if estimated
others from 8/31/2007 SAPRC 2007 Carter spreadsheet

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