



# Solvent Properties Chart

Lyondell Product	CAS Number	Chemical Name	Molecular Weight (g/mol)	Maximum Incremental Reactivity (SAPRC99 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)
ARCOSOLV® PM*	107-98-2	Propylene glycol methyl ether	90.1	2.60	VOC	no	70	100	7.6	0.917	32 (a)	89 (a)	120	248	0.923	8.1	2.0	1.404	27
ARCOSOLV® DPM	34590-94-8	Dipropylene glycol methyl ether	148.2	2.19	VOC	no	2	100	7.9	0.947	75 (a)	167 (a)	180	356	0.951	0.17	4.0	1.422	28
ARCOSOLV® TPM	25498-49-1	Tripropylene glycol methyl ether	206.3	1.88	VOC	yes	0.2	100	8.0	0.962	121 (b)	250 (b)	236	457	0.962	0.03	6.0	1.428	29
ARCOSOLV® PE	52125-53-8	Propylene glycol ethyl ether	104.1	3.23	VOC	no	44	100	7.5	0.899	35 (c)	95 (c)	132	270	0.898	10	1.8	1.405	30
ARCOSOLV® PNP	1569-01-3	Propylene glycol normal propyl ether	118.2	2.84	VOC	no	22	100	7.4	0.884	48 (a)	118 (a)	150	302	0.887	1.7	2.3	1.410	27
ARCOSOLV® DPNP	29911-27-1	Dipropylene glycol normal propyl ether	176.3	2.07	VOC	no	1.3	18	7.7	0.923	88 (c)	190 (c)	212	414	0.922	0.05	4.4	1.422	26
ARCOSOLV® PNB	5131-66-8	Propylene glycol normal butyl ether	132.2	2.73	VOC	no	7	6	7.3	0.875	62 (d)	144 (d)	170	338	0.880	0.62	3.5	1.416	26
ARCOSOLV® DPNB	29911-28-2	Dipropylene glycol normal butyl ether	190.3	1.96	VOC	yes	1	5	7.6	0.911	100 (c)	212 (c)	229	444	0.912	0.02	4.8	1.425	29
ARCOSOLV® TPNB	55934-93-5	Tripropylene glycol normal butyl ether	248.4	1.19	VOC	yes	<1	3	7.8	0.935	124 (b)	255 (b)	274	527	0.934	<0.01	8.0	1.433	30
ARCOSOLV® PTB	57018-52-7	Propylene glycol tertiary butyl ether	132.2	1.70	VOC	no	30	18	7.3	0.875	44 (a)	111 (a)	151	304	0.870	2.81	4.0	1.412	24
Glycol Ether DM	111-77-3	Diethylene glycol methyl ether	120.2	2.88	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	3.34	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	2.88	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	2.87	VOC	yes	0.3	100	7.9	0.951	106 (a)	223 (a)	230	446	0.955	0.06	4.7	1.432	30
ARCOSOLV® PMA*	108-65-6	Propylene glycol methyl ether acetate	132.2	1.69	VOC	no	34	18	8.0	0.959	47 (a)	116 (a)	140	284	0.969	2.8	1.1	1.400	27
ARCOSOLV® DPMA	88917-22-0	Dipropylene glycol methyl ether acetate	190.2	1.49	VOC	no	<1	12	8.2	0.980	86 (c)	187 (c)	200	392	0.976	0.05	2.2	1.414	28
Glycol Ether EBA	112-07-2	Ethylene glycol butyl ether acetate	160.2	1.65	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	1.36	VOC	yes	0.2	6	8.2	0.978	116 (b)	241 (b)	242	468	0.980	0.01	3.2	1.424	30
ARCONATE® Propylene Carbonate	108-32-7	Propylene carbonate	102.1	0.25	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	1.69	VOC	no	170	100	6.6	0.788	9 (c)	48 (c)	78	173	0.791	43	1.1	1.360	22
ARCOPURE® High Purity MTBE	1634-04-4	Methyl tertiary butyl ether	88.1	0.78	VOC	no	814	4.3	6.2	0.788	-10 (a)	14 (a)	55	131	0.740	204	0.3	1.366	19
NMP*	872-50-4	N-methyl-2-pyrrolidone	99.1	2.55	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	0.20	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	0.45	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	4.91	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 Feb 2003 Carter spreadsheet

For more information in the U.S. or Canada, call 1-888-777-0232;  
 For Europe, the Middle East, Africa or Asia, call +33 3 44 24 92 05;  
 For South America, call +55 11 5184-8400;  
[or click here.](#)

TBAC and TEBOL are trademarks of Lyondell Chemical Company.

The information in this brochure is believed to be accurate as of the date of publication. It is the sole responsibility of the customer to determine whether the product is appropriate and suitable for the customer's specific use. Specific end uses may require approval by appropriate regulatory agencies. Lyondell Chemical Company makes no warranties, express or implied, regarding the product or information contained herein. The applicable Material Safety Data Sheet should be reviewed by customer before handling the Lyondell Chemical Company product. Lyondell Chemical Company disclaims any liability for infringement of any patent by reason of customer's use of any Lyondell Chemical Company products in combination with other materials or in any process.