

C h e m i c a l	Flash Point	Ignition Temp	Flammable Limits		Specific Gravity	Vapor Density	Boiling Point	Water Soluble	N o t e s	Hazard Rating		
	(° F)	(° F)	Lower	Upper	Water=1	Air=1	(° F)	Health		Flammability	Reactivity	
Acetaldehyde CH ₃ CHO Ethanal	-36	347	4.0	60	0.8	1.5	70	Yes	polymerizes	2	4	2
Acetone CH ₃ COCH ₃ 2-Propanone	0	869	2.6	12.8	0.8	2	134	Yes		1	3	0
Acrolein CH ₂ CHCHO Acrylic Aldehyde	-15	455	2.8	31	0.8	1.9	125	Yes		3	3	2
Allylamine CH ₂ CHCH ₂ NH ₂ 2-Propenylamine	-20	705	2.2	22	0.8	2	128	Yes		3	3	1
Amyl Acetate CH ₃ COOC ₅ H ₁₁ 1-Pentanol Acetate	77	680	1.1	7.5	0.9	4.5	300	Slight		1	3	0
Benzene C ₆ H ₆ Benzol	12	1040	1.3	7.1	0.9	2.8	176	No		2	3	0
Butadiene Monoxide CH ₂ CHCHOCH ₂ Vinylethylene Oxide	-58				0.9	2.4	151			2	3	2
Butyl Alcohol CH ₃ (CH ₂) ₃ CH ₂ OH Butanol	84	689	1.4	11.2	0.8	2.6	243	Yes		1	3	0
Butyl Chloride C ₄ H ₉ Cl 1-Chlorobutane	15	860	1.8	10.1	0.9	3.2	170	No		2	3	0
Carbon Disulfide CS ₂	-22	194	1.3	50	1.3	2.6	115	No		2	3	0
Collodion Solution of Nitrated Cellulose in Ether Alcohol	0									1	4	0
Cyclohexane C ₆ H ₁₂	-4	473	1.3	8	0.8	2.9	179	No		1	3	0
Denatured Alcohol Government Formula	60	750			0.8	1.6	175	Yes		0	3	0
CD-5	60											
CD-5A	60											
CD-10	49											
SD-1	57											
SD-2B	56											
SD-3A	59											
SD-13A	19											
SD-17	60											
SD-23A	35											
SD-30	59											
SD-39B	60											
SD-39C	59											
SD-40M	59											
Dibutyl Ether (C ₄ H ₉) ₂ O Butyl Ether	77	383	1.5	7.6	0.8	4.5	286	No		2	3	0
Dichloroethylene ClCHCHCl	43		9.7	12.8	1.3	3.4	141	No		2	3	2
Diethylamine (C ₂ H ₅) ₂ NH	0	594	1.8	10.1	0.7	2.5	134	Yes		2	3	0
Dimethyl Butane (CH ₃) ₃ CCH ₂ CH ₃ Neohexane	-54	797	1.2	7.0	0.6	3.0	122	No		1	3	0

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Dimethyl Pentane CH ₃ CH(CH ₃)CH(CH ₃)CH ₂ CH ₃	20	635	1.1	6.7	0.7	3.5	194	No		0	3	0
p-Dioxane	54	356	2.0	22	1.0	3.0	214	Yes		2	3	0
Divinyl Ether (CH ₂ CH) ₂ O Vinyl Ether	-22	680	1.7	27	0.8	2.4	102	No		2	3	2
Ethyl Acetate CH ₃ COOC ₂ H ₅ Ethyl Ethanoate	24	800	2.2	11	0.9	3.0	171	Slight		1	3	0
Ethyl Alcohol C ₂ H ₅ OH Ethanol In Water	55 62 63 68 70 72 75 79 85 97 120 144	689	3.3	19	0.8	1.6	173	Yes		0	3	0
Ethylamine C ₂ H ₅ NH ₂ 70% Aqueous Solution	0	725	3.5	14	0.8	1.6	62	Yes		3	4	0
Ethyl Chloride C ₂ H ₅ Cl	-58	966	3.8	15.4	0.9	2.2	54	No		2	4	0
Ethylene Oxide CH ₂ OCH ₂	0	804	3.6	100	0.9	1.5	51	Yes		2	4	3
Ethyl Ether C ₂ H ₅ OC ₂ H ₅	-49	320	1.9	36	0.7	2.6	95	Slight		2	4	0
Gasoline	-36	853	1.4	7.6	0.8	3-4	100	No		1	3	0
Hexadiene CH ₃ CHCHCH ₂ CHCH ₂	-6		2	6	0.7	2.8	151	No		0	3	0
Hexane CH ₃ (CH ₂) ₄ CH ₃	-7	437	1.1	7.5	0.7	3.0	156	No		1	3	0
Isopropyl Alcohol (CH ₃) ₂ CHOH	53	750	2	12	0.8	2.1	181	Yes		1	3	0
Kerosene	100	410	0.7	5	<1		400	No	Varies by state	0	2	0
Methyl Alcohol CH ₃ OH	52	725	6.7	36	0.8	1.1	147	Yes		1	3	0
Methyl Cyclohexane	25	482	1.2	6.7	0.8	3.4	214	No		2	3	0
Methyl Ethyl Ether CH ₃ OC ₂ H ₅	-35	374	2	10.1	0.7	2.1	51	Yes		2	4	0
Methyl Ethyl Ketone C ₂ H ₅ COCH ₃	21	960	1.8	10	0.8	2.5	176	Yes		1	3	0
Naptha	28	450	0.9	6	<1		212	No	Depends on manufacturer	1	3	0
Nitroethane C ₂ H ₅ NO ₂	82	778	3.4		1.1	2.6	237	Slight		1	3	3

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			Lower	Upper						Health	Flammability	Reactivity
Paraldehyde (CH ₃ CHO) ₃	96	460	1.3		1.0	4.5	255	Slight		2	3	1
Pentane CH ₃ (CH ₂) ₃ CH ₃	-40	500	1.5	7.8	.06	2.5	97	No		1	4	0
Petroleum Ether	0	550	1.1	5.9	0.6	2.5	95	No		1	4	0
Propanal CH ₃ CH ₂ CHO	15		2.9	17	0.8	2	120	Slight		2	3	1
Propylene Oxide	-35		2.8	37	0.9	2	95	Yes		2	4	2
Toluene C ₆ H ₅ CH ₃	40	896	1.2	7.1	0.9	3.1	231	No		2	3	0
Turpentine	95	488	0.8		<1		300	No		1	3	0
Vinyl Ethyl Ether CH ₂ CHOC ₂ H ₅	-50	395	1.7	28	0.8	2.5	96	No		2	4	2
Xylene C ₆ H ₄ (CH ₃) ₂	90	869	1	6	0.9	3.7	292	No		2	3	0