AUTHENTICATED
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INFORMATION
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TABLE 2A TO SUBPART E OF PART 59—REACTIVITY FACTORS

Compound	CAS No.	Reactivity factor
1-Butanol	71–36–3	3.34
1,2,4-Trimethylbenzene	95–63–6	7.18
2-Butanol (s-Butyl alcohol)	78–92–2	1.60
2-Butoxy-1-Ethanol (Ethylene glycol monobutyl ether)	111–76–2	1.67
2-Propoxyethanol (ethylene glycol monopropyl ether)	2807–30–9	3.52
Acetone (Propanone)	67–64–1	0.43
Amyl acetate (Pentyl ethanoate, pentyl acetate)	628–63–7	0.96
Butane	106–97–8	1.33
Butyl acetate, n	123–86–4	0.89
Cyclohexanone	108–94–1	1.61
Di (2-ethylhexyl phthalate)	117–81–7	.....
Diacetone alcohol	123–42–2	0.68
Diethanolamine	111–42–2	4.05
Diisobutyl ketone	108–83–8	2.94
Dimethyl ether	115–10–6	0.93
Ethanol	64–17–5	1.69
Ethyl acetate	141–78–6	0.64
Ethyl benzene	100–41–4	2.79
Ethyl-3-Ethoxypropionate	763–69–9	3.61
Ethylene glycol monoethyl ether acetate (2-Ethoxyethyl acetate)	111–15–9	1.9
Heptane	142–82–5	1.28
Hexane	110–54–3	1.45
Isobutane	75–28–6	1.35
Isobutanol	78–83–1	2.24
Isobutyl Acetate	110–19–0	0.67
Isohexane Isomers	107–83–5	1.80
Isopropyl alcohol (2-Propanol)	67–63–0	0.71
Methanol	67–56–1	0.71
Methyl amyl ketone	110–43–0	2.80
Methyl ethyl ketone (2-Butanone)	78–93–3	1.49
Methyl isobutyl ketone	108–10–1	4.31
Methyl n-Propyl Ketone (2-Pentanone)	107–87–9	3.07
N,N-Dimethylethanolamine	108–01–0	4.76
N-Butyl alcohol (Butanol)	71–36–3	3.34
Pentane	109–66–0	1.54
Propane	74–98–6	0.56
Propylene glycol	57–55–6	2.75
Propylene glycol monomethyl ether acetate	108–65–6	1.71
Texanol (1,3 Pentanediol, 2,2,4-trimethyl, 1-isobutyrate)	25265–77–4	0.89
Toluene	108–88–3	3.97
Vinyl Chloride	75–01–4	2.92
Xylene, meta-	108–38–3	10.61
Xylene, ortho-	95–47–6	7.49
Xylene, para-	106–42–3	4.25

TABLE 2B TO SUBPART E OF PART 59—REACTIVITY FACTORS FOR ALIPHATIC HYDROCARBON SOLVENT MIXTURES

Bin	Average boiling point* (degrees F)	Criteria	Reactivity factor
1	80–205	Alkanes (< 2% Aromatics)	2.08
2	80–205	N– & Iso-Alkanes (≥ 90% and < 2% Aromatics)	1.59
3	80–205	Cyclo-Alkanes (≥ 90% and < 2% Aromatics)	2.52
4	80–205	Alkanes (2 to < 8% Aromatics)	2.24
5	80–205	Alkanes (8 to 22% Aromatics)	2.56
6	>205–340	Alkanes (< 2% Aromatics)	1.41
7	>205–340	N– & Iso-Alkanes (≥ 90% and < 2% Aromatics)	1.17
8	>205–340	Cyclo-Alkanes (≥ 90% and < 2% Aromatics)	1.65
9	>205–340	Alkanes (2 to < 8% Aromatics)	1.62
10	>205–340	Alkanes (8 to 22% Aromatics)	2.03
11	>340–460	Alkanes (< 2% Aromatics)	0.91
12	>340–460	N– & Iso-Alkanes (≥ 90% and < 2% Aromatics)	0.81
13	>340–460	Cyclo-Alkanes (≥ 90% and < 2% Aromatics)	1.01
14	>340–460	Alkanes (2 to < 8% Aromatics)	1.21
15	>340–460	Alkanes (8 to 22% Aromatics)	1.82
16	>460–580	Alkanes (< 2% Aromatics)	0.57
17	>460–580	N- & Iso-Alkanes (≥ 90% and < 2% Aromatics)	0.51
18	>460–580	Cyclo-Alkanes (≥ 90% and < 2% Aromatics)	0.63