

Table I. Binary Systems (Continued)

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Weight % A	Reference
A =	Cl_4Si	Silicon Chloride	56.5			
19	CHCl_3	Chloroform	61	55		86
20	$\text{C}_2\text{H}_5\text{SiCl}$	Chlorotrimethylsilane	57.5	54.5	64	132
21	$\text{C}_2\text{H}_5\text{N}$	Acetonitrile	81.6	49	90.6	134
22	$\text{C}_2\text{H}_5\text{N}$	Acrylonitrile	79.0	51.2	89	134
A =	Cl_4Sn	Tin Chloride	113.85			
23	C_6H_6	Benzene	80.2		Nonazeotrope	94
24	C_7H_8	Toluene	110.7	109.15	52	94
25	C_7H_{14}	Methylcyclohexane	101.8		Nonazeotrope	90, 94
26	C_8H_{18}	2,5-Dimethylhexane	109.2	108.0	<48	93
27	C_8H_{18}	n-Octane	125.8		Nonazeotrope	90
A =	Cu	Copper	2310			
28	Sn	Tin	2275		Maximum B.P.	94
A =	FH	Hydrofluoric Acid	19.4			
29	H_2O	Water	100	120	37	94
30	H_2O	Water	100	111.35	35.6	46
31	H_2O	Water	100	112.0	61.74	66
32	C_4H_{10}	Butane	0		Minimum B.P.	51
33	C_4H_{10}	2-Methylpropane	-10		Minimum B.P.	51
A =	F_3Sb	Antimony Fluoride	319			
34	F_5Sb	Antimony pentafluoride	155	390		94
A =	HI	Hydriodic Acid	-34			
35	H_2O	Water	100	127	57	94
A =	HNO_3	Nitric Acid	86			
36	H_2O	Water	100	120.5	68	94
A =	H_2O	Water	100			
37	H_2O_2	Hydrogen peroxide	152.1		Nonazeotrope	52
38	H_2SO_4	Sulfuric acid	47	338	19	94
39	H_3N	Ammonia	-33		Nonazeotrope	94
40	H_4N_2	Hydrazine	113.5	120	29	94
41	CCl_4	Carbon tetrachloride	76.75	66	4.1	36
42	CS_2	Carbon disulfide	46.25	42.6	3	34
43	CHCl_3	Chloroform	61.2	56.1	2.5	94, 165
44	CH_2O_2	Formic acid	100.75	107.3	22.5	94
45	CH_3NO_2	Nitromethane	101	83.6	23.6	45, 136
46	CH_4O	Methanol	64.7		Nonazeotrope	94
47	$\text{C}_2\text{HCl}_3\text{O}$	Chloral	97.75		Minimum B.P.	94
48	$\text{C}_2\text{HCl}_3\text{O}$	Chloral	97.75	95	7	130
49	$\text{C}_2\text{H}_2\text{Cl}_2$	<i>cis</i> -1,2-Dichloroethylene	60.2	55.3	3.35	94, 172
50	$\text{C}_2\text{H}_2\text{Cl}_2$	<i>trans</i> -1,2-Dichloroethylene	48.35	45.3	1.9	94, 172
51	$\text{C}_2\text{H}_5\text{N}$	Acetonitrile	82	76	15	28
52	$\text{C}_2\text{H}_4\text{O}$	Acetaldehyde	20.2		Nonazeotrope	94
53	$\text{C}_2\text{H}_4\text{O}_2$	Acetic acid	118.5		Nonazeotrope	94
54	$\text{C}_2\text{H}_4\text{O}_2$	Methyl formate	31.9		Nonazeotrope	94
55	$\text{C}_2\text{H}_4\text{Br}$	Bromoethane	38.4		Minimum B.P.	94
56	$\text{C}_2\text{H}_5\text{ClO}$	2-Chloroethanol	128.8	95.8	42.5	71
57	$\text{C}_2\text{H}_5\text{IO}$	2-Iodoethanol	85/25	98.7	77	36
58	$\text{C}_2\text{H}_5\text{NO}$	Acetamide	222		Nonazeotrope	74
59	$\text{C}_2\text{H}_5\text{NO}_2$	Ethyl nitrate	87.68	74.35	22	76, 83
60	$\text{C}_2\text{H}_5\text{O}$	Ethyl alcohol	78.3	78.15	4.43	94
61	$\text{C}_2\text{H}_5\text{O}_2$	Glycol	197.4		Nonazeotrope	74
62	$\text{C}_2\text{H}_5\text{N}_2$	Ethylenediamine	116.5	118.5	30	20
63	$\text{C}_3\text{H}_5\text{N}$	Acrylonitrile	77.3	71	12	36
64	$\text{C}_3\text{H}_5\text{ClO}_2$	Methyl chloroacetate	131.4	92.7	36.15	19
65	$\text{C}_3\text{H}_5\text{I}$	3-Iodopropene	102.0	80.7	10	94
66	$\text{C}_3\text{H}_5\text{N}$	Propionitrile	97.0	81.5	24	157
67	$\text{C}_3\text{H}_6\text{O}$	Acetone	56.4		Nonazeotrope	94
68	$\text{C}_3\text{H}_6\text{O}$	Acetone	56		Minimum B.P. ^b	116
69	$\text{C}_3\text{H}_6\text{O}$	Allyl alcohol	96.95	88.2	27.3	94
69a	$\text{C}_3\text{H}_6\text{O}$	Allyl alcohol	96.90	88.89	27.7	137
70	$\text{C}_3\text{H}_6\text{O}_2$	Propionic acid	140.7	99.98	82.3	94
70a	$\text{C}_3\text{H}_6\text{O}_2$	Propionic acid	140.7		Nonazeotrope	130
71	$\text{C}_3\text{H}_6\text{O}_2$	1,3-Dioxolane	75	73	6.7	55
72	$\text{C}_3\text{H}_6\text{O}_2$	Ethyl formate	54.1		Nonazeotrope	94
73	$\text{C}_3\text{H}_6\text{O}_2$	Methyl acetate	57.1	56.5	3.5	49, 94
74	$\text{C}_3\text{H}_7\text{Cl}$	1-Chloropropane	46.4	43.4	1.0	36
75	$\text{C}_3\text{H}_7\text{Cl}$	2-Chloropropane	36.5	33.6	0.3	36
76	$\text{C}_3\text{H}_7\text{ClO}$	1-Chloro-2-propanol	127		49	22
77	$\text{C}_3\text{H}_7\text{NO}$	Propionamide	222.1		Nonazeotrope	80
78	$\text{C}_3\text{H}_7\text{NO}_2$	Propyl nitrate	110.5	84.8	20	83
79	$\text{C}_3\text{H}_7\text{O}$	Propyl alcohol	97.2	87.72	28.31	94
80	$\text{C}_3\text{H}_7\text{O}$	Isopropyl alcohol	82.44	80.38	12.10	94
81	$\text{C}_3\text{H}_7\text{O}_2$	Methylal	42.25		Nonazeotrope	94
82	$\text{C}_3\text{H}_7\text{O}_2$	Methylal	42.3	42.05	1.4	50
83	$\text{C}_3\text{H}_7\text{O}_2$	2-Methoxyethanol	124		Minimum B.P.	94
84	$\text{C}_3\text{H}_7\text{O}_2$	Glycerol	290		Nonazeotrope	94
85	$\text{C}_4\text{H}_4\text{N}_2$	Pyrazine	114	95.5	40	119
86	$\text{C}_4\text{H}_4\text{S}$	Thiophene	84		Minimum B.P.	171
87	$\text{C}_4\text{H}_5\text{N}$	Crotononitrile	119	85		23
88	$\text{C}_4\text{H}_5\text{O}_2$	Methyl acrylate	80	71		125
89	$\text{C}_4\text{H}_5\text{ClO}_2$	Ethyl chloroacetate	143.5	95.2	45.15	19
90	$\text{C}_4\text{H}_7\text{N}$	Butyronitrile	118	87.5	31	157
91	$\text{C}_4\text{H}_7\text{N}$	Isobutyronitrile	103	82.5	23	157

^b Above 3000 mm. of Hg.

Table I. Binary Systems (Continued)

No.	B-Component		B.P., ° C.	Azeotropic Data		Reference
	Formula	Name		B.P., ° C.	Weight % A	
A =	H ₂ O	Water (Contd.)	100			
92	C ₄ H ₈ O	Butyraldehyde	75.7	.....	65	62, 94
93	C ₄ H ₈ O	Butyraldehyde	75.7		6	72
94	C ₄ H ₈ O	2-Butanone	79.6	73.45	11.0	94
95	C ₄ H ₈ O ₂	Butyric acid	162.45	99.4	81.5	90, 94
96	C ₄ H ₈ O ₂	Isobutyric acid	154.35	99.3	79	94
97	C ₄ H ₈ O ₂	Dioxane	101.32	87.82	18	143
98	C ₄ H ₈ O ₂	Ethyl acetate	77.05	70.4	8.2	94
99	C ₄ H ₈ O ₂	Methyl propionate	79.85	71.4	3.9	76
100	C ₄ H ₈ O ₂	Propyl formate	80.85	71.9	3.6	76
101	C ₄ H ₉ Cl	1-Chlorobutane	77.9	68.1	6.6	36
102	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.8	61.6	3.3	36
103	C ₄ H ₉ I	1-Iodo-2-methylpropane	122.5	96	.....	94
104	C ₄ H ₉ NO ₂	Isobutyl nitrate	122.9	89.0	25	33
105	C ₄ H ₁₀ O	Butyl alcohol	117.75	92.4	38	80
106	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	89.92	33.2	94
107	C ₄ H ₁₀ O	sec-Butyl alcohol	99.6	88.5	32	94
108	C ₄ H ₁₀ O	tert-Butyl alcohol	82.55	79.91	11.76	94
109	C ₄ H ₁₀ O	Ethyl ether	34.5	34.15	1.3	94
110	C ₄ H ₁₀ O	Methyl propyl ether	38.9	38.7	2	94
111	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	133	92.2	60	35
112	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	97.45	65	100
113	C ₅ H ₅ N	Pyridine	115.5	92.6	43	94
114	C ₅ H ₆ O	2-Methylfuran	63.7	58.2	.....	123
115	C ₅ H ₆ O ₂	Furfuryl alcohol	169.35	98.5	80	90
116	C ₅ H ₇ NO	Furfurylamine	144	99	74	36
117	C ₅ H ₈ O	3-Methyl-3-butene-2-one	99.5	83	.....	12
118	C ₅ H ₈ O	2-Methyl-3-butyn-2-ol	.....	.....	.....	142
119	C ₅ H ₈ O ₂	Ethyl acrylate	100	.....	.....	127
119a	C ₅ H ₈ O ₂	2,3-Pentanedione	109	86	.....	18
120	C ₅ H ₈ ClO ₂	Propyl chloroacetate	161	97.1	57.5	19
121	C ₅ H ₁₀ O	Isovaleraldehyde	92.5	77	12	36
122	C ₅ H ₁₀ O	3-Pentanone	102.2	82.9	14	94
123	C ₅ H ₁₀ O	2-Pentanone	102.25	82.9	13.5	94
124	C ₅ H ₁₀ O	3-Methyl-2-butanone	94	79	13	94
125	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	99.5	81.6	94
126	C ₅ H ₁₀ O ₂	Butyl formate	106.8	83.8	15	33
127	C ₅ H ₁₀ O ₂	Isobutyl formate	98.3	79.5	18.9	123
128	C ₅ H ₁₀ O ₂	Ethyl propionate	99.15	81.2	10	76
129	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	82.7	11.5	76
130	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.3	77.7	6.8	76
131	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	82.2	12.5	76
132	C ₅ H ₁₀ O ₂	Isopropyl acetate	91.0	77.4	6.2	76
133	C ₅ H ₁₁ N	Piperidine	106	92.8	35	146
134	C ₅ H ₁₁ NO	Tetrahydrofurfurylamine	153	Nonazeotrope		147
135	C ₅ H ₁₂ O	Amyl alcohol	137.8	95.95	54.0	90
136	C ₅ H ₁₂ O	Isoamyl alcohol	132.06	95.15	49.6	94
137	C ₅ H ₁₂ O	2-Pentanol	119.3	92.5	38.5	90
138	C ₅ H ₁₂ O	tert-Amyl alcohol	102.25	87.35	27.5	90
139	C ₅ H ₁₂ O	3-Pentanol	115.4	91.7	36.0	90
140	C ₅ H ₁₂ O	3-Methyl-2-butanol	112.9	91.0	33	101
141	C ₅ H ₁₂ O	Ethyl propyl ether	63.6	59.5	4.0	33
142	C ₅ H ₁₂ O	tert-Butyl methyl ether	55	52.6	4.0	39
143	C ₅ H ₁₂ O ₂	1,1-Diethoxymethane	87.5	75.2	10.0	110
144	C ₆ H ₆ Cl	Chlorobenzene	132.1	90.2	28.4	122
145	C ₆ H ₆	Benzene	80.2	69.25	8.83	94
146	C ₆ H ₆ O	Phenol	182	99.6	90.8	139
147	C ₆ H ₇ N	Aniline	184.25	75	81.8	94
148	C ₆ H ₇ N	2-Picoline	129.5	93.5	48	6
149	C ₆ H ₈	1,3-Cyclohexadiene	80.8	68.9	9.0	94
150	C ₆ H ₈ N ₂	Phenylhydrazine	243	Nonazeotrope		94
151	C ₆ H ₁₀	Cyclohexene	82.75	70.8	10.0	94
152	C ₆ H ₁₀ O	Mesityl oxide	130.5	99.1	.....	94
153	C ₆ H ₁₀ O	Mesityl oxide	129.5	91.8	34.8	139
154	C ₆ H ₁₁ ClO ₂	Butyl chloroacetate	175	98.12	77.47	19
155	C ₆ H ₁₁ ClO ₂	Isobutyl chloroacetate	174.4	97.8	64.8	19
156	C ₆ H ₁₂	Cyclohexane	80.75	68.95	9	94
157	C ₆ H ₁₂ O	Cyclohexanol	160.65	97.8	80	94
158	C ₆ H ₁₂ O	2-Hexanone	127.5	Minimum B.P.		139
159	C ₆ H ₁₂ O	4-Methyl-2-pentanone	117	87.9	24.3	139
160	C ₆ H ₁₂ O	3,3-Dimethyl-2-butanone	106	85	14.5	94
161	C ₆ H ₁₂ O ₂	4-Hydroxy-4-methyl-2-pentanone	165	98.8	87.3	139
162	C ₆ H ₁₂ O ₂	Amyl formate	130.4	91.6	28.4	58
163	C ₆ H ₁₂ O ₂	Isoamyl formate	123.9	89.7	23.5	58, 76
164	C ₆ H ₁₂ O ₂	Butyl acetate	125	90.2	26.7	58
165	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.2	87.45	19.5	38, 76
166	C ₆ H ₁₂ O ₂	sec-Butyl acetate	112	86.6	19.4	36
167	C ₆ H ₁₂ O ₂	Ethyl butyrate	120.1	87.9	21.5	76
168	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	85.2	15.2	76
169	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.3	87.2	19.2	76
170	C ₆ H ₁₂ O ₂	Propyl propionate	122.1	88.9	23	76
170a	C ₆ H ₁₂ O ₃	2,2-Dimethoxy-3-butanone	145	93-4	.....	18
171	C ₆ H ₁₂ O ₃	Paraldehyde	124	90.35	32	94
171a	C ₆ H ₁₂ O ₃	Paraldehyde	125	90	29	161
172	C ₆ H ₁₂ O ₃	s-Trioxane	114.5	91.4	30	166
173	C ₆ H ₁₄	n-Hexane	68.95	61.55	.....	94
174	C ₆ H ₁₄ O	Hexyl alcohol	157.85	97.8	75	90
175	C ₆ H ₁₄ O	2-Ethyl-1-butanol	148.9	96.7	58	21

Table I. Binary Systems (Continued)

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., ° C.	B.P., ° C.	Weight % A	Reference
A =	H ₂ O	Water (Contd.)	100			
176	C ₈ H ₁₈ O	<i>tert</i> -Butyl ethyl ether	73	65.2	6	39
177	C ₈ H ₁₈ O	<i>tert</i> -Amyl methyl ether	86	73.8	9	39
178	C ₈ H ₁₈ O	Propyl ether	91	75.4	.....	121
179	C ₈ H ₁₈ O	Isopropyl ether	69.0	61.4	3.6	33, 36
180	C ₈ H ₁₈ O ₂	Acetal	104.5	< 97	< 30	94
181	C ₈ H ₁₈ O ₂	1,1,2,2-Tetramethyl-1,2-ethanediol	174.35			74
182	C ₈ H ₁₈ N	Triethylamine	89.4		Minimum B.P.	94
183	C ₈ H ₁₈ N	3,3-Dimethyl-1-butylamine	112.8	92.9	.....	64
184	C ₇ H ₁₄	Toluene	110.7	84.1	19.6	94
185	C ₇ H ₁₄ O	Benzyl alcohol	205.2	99.9	91	80
186	C ₇ H ₁₄ O	Anisole	153.85	95.5	40.5	76
187	C ₇ H ₁₄ ClO ₂	Isoamyl chloroacetate	190	98.95	77.76	19
188	C ₇ H ₁₄ O	2-Heptanone	149	.....	48	115
189	C ₇ H ₁₄ O	2-Methyl cyclohexanol	168.5	98.4	80	101
190	C ₇ H ₁₄ O ₂	Amyl acetate	148	95.2	41.0	58
191	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	94.05	35.09	58, 76
192	C ₇ H ₁₄ O ₂	Isobutyl propionate	136.85	92.75	32.2	76
193	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	92.2	30.2	76
194	C ₇ H ₁₄ O ₂	Propyl butyrate	142.8	94.1	36.4	76
195	C ₇ H ₁₄ O ₂	Propyl isobutyrate	133.9	92.15	30.8	76
195a	C ₇ H ₁₄ O ₂	2,2-Dimethoxy-3-pentanone	162.5	96	.....	18
196	C ₇ H ₁₄ O	1-Heptanol	176.15	98.7	83	90
197	C ₇ H ₁₄ O	<i>tert</i> -Amyl ethyl ether	101	81.2	13	39
198	C ₇ H ₁₄ O ₂	Dipropoxymethane	137.14	92.2	40.3	110
199	C ₇ H ₁₄ O ₂	Diisopropoxymethane	129.0	80	.....	94
200	C ₈ H ₁₆ O ₂	Benzyl formate	202.3	99.2	80	83
201	C ₈ H ₁₆ O ₂	Methyl benzoate	199.45	99.08	79.2	76
202	C ₈ H ₁₆ O ₂	Phenyl acetate	195.7	98.9	75.1	76
203	C ₈ H ₁₆ O	Phenetole	170.4	97.3	59	76
204	C ₈ H ₁₆ O ₂	Veratrole	205.5	99.0	76.5	76
205	C ₈ H ₁₆ N	s-Collidine	171		Minimum B.P.	130
206	C ₈ H ₁₆ O	2-Methylallyl ether	134.6	92.5	31.0	140
207	C ₈ H ₁₆ O ₂	Isoamyl propionate	166.3	96.55	48.5	76
208	C ₈ H ₁₆ O ₂	Butyl butyrate	165.7	97.2	53	83
209	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.8	96.3	46	76
210	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	95.5	39.4	76
211	C ₈ H ₁₆ O ₂	Ethyl caproate	166.8	97.15	54	83
212	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.8	96.2	45.2	76
212a	C ₈ H ₁₆ O ₂	2,2-Diethoxy-3-butanone	163.5	95-6	.....	18
213	C ₈ H ₁₆ O	Butyl ether	141	93.5	.....	121
214	C ₈ H ₁₆ O	Isobutyl ether	122.2	88.6	23	83
215	C ₈ H ₁₆ O	1-Octanol	195.15	99.4	90	90
216	C ₈ H ₁₆ O	2-Octanol	178.7	98	73	94
217	C ₈ H ₁₆ O	2-Ethyl-1-hexanol	183.5	99.1	80	21
218	C ₈ H ₁₆ O ₂	Benzyl acetate	214.9	99.6	87.5	76
219	C ₉ H ₁₈ O ₂	Ethyl benzoate	212.4	99.4	84.0	76
220	C ₉ H ₁₈ O	Phenyl propyl ether	190.2	98.5	66	83
221	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5	98.05	63.5	76
222	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	168.9	97.35	56.0	76
223	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	168.7	97.4	55.8	76
224	C ₉ H ₁₈ O ₂	Dibutoxymethane	181.8	98.2	62	110
225	C ₉ H ₁₈ O ₂	Diisobutoxymethane	163.8	97.2	47.5	60
226	C ₁₀ H ₁₈ O ₂	Methyl cinnamate	261.9	99.9	95.5	83
227	C ₁₀ H ₁₈ O ₂	Safrole	235.9	99.72	92.3	76
228	C ₁₀ H ₁₈ O ₂	Isosafrole	252.0	99.8	96.0	83
229	C ₁₀ H ₁₈ O	Estragole	215.6	99.3	82	83
230	C ₁₀ H ₁₈ O ₂	Ethyl α -toluate	228.75	99.73	91.3	76
231	C ₁₀ H ₁₈ O ₂	Propyl benzoate	230.85	99.70	90.9	76
232	C ₁₀ H ₁₄ N ₂	Nicotine	246	99.99	97.5	141
233	C ₁₀ H ₁₄ N ₂	Nicotine	246		Nonazeotrope	94
234	C ₁₀ H ₁₈ O ₂	<i>m</i> -Diethoxybenzene	235.0	99.7	91	83
235	C ₁₀ H ₁₈ O	Cineole	176.35	99.55	57.0	76
236	C ₁₀ H ₁₈ O	Linalool	199	99.7	.....	94
237	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	193.5	98.8	74.1	76
237a	C ₁₀ H ₂₀ O ₂	2,2-Dipropoxy-3-butanone	196-7	98.5	.....	18
238	C ₁₀ H ₂₂ O	Amyl ether	190	98.4	.....	121
239	C ₁₀ H ₂₂ O	Isoamyl ether	172.6	97.4	54	83
240	C ₁₀ H ₂₂ O ₂	Acetaldehyde, dibutylacetal			Minimum B.P.	142
241	C ₁₁ H ₂₂ O ₂	Butyl benzoate	249.8	99.88	94	83
242	C ₁₁ H ₂₂ O ₂	Isobutyl benzoate	242.15	99.82	92.6	76
243	C ₁₁ H ₂₂ O ₂	1-Allyl-3,4-dimethoxybenzene	255.0	99.85	96.2	83
244	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.2	98.55	68	83
245	C ₁₁ H ₂₄ O ₂	Diamyloxymethane	222.9	99.2	93	110
246	C ₁₁ H ₂₄ O ₂	Diisoamyloxymethane	207	99.3	78.8	7
247	C ₁₂ H ₂₆ O	Phenyl ether	259.3	99.33	96.75	76
248	C ₁₂ H ₂₆ O ₂	Isoamyl benzoate	262.3	99.9	95.6	76
249	C ₁₂ H ₂₆ O ₂	Bornyl acetate	227.6	99.62	87.3	76
249a	C ₁₂ H ₂₄ O ₂	2,2-Dibutoxy-3-butanone	228-30	97-99	.....	18
249b	C ₁₂ H ₂₄ O ₂	2,2-Diisobutoxy-3-butanone	214-5	98	.....	18
A =	H ₂ N	Ammonia	- 33.6			
250	C ₂ H ₆ O	Ethyl alcohol	78.3		Nonazeotrope	130
251	C ₂ H ₄	Propyne	- 23	- 35	75	36
252	C ₂ H ₆	Cyclopropane	- 31.5	- 44	20	36
253	C ₂ H ₆	Propene	- 34.2 ^c	- 42 ^c	10-15 ^c	36
254	C ₂ H ₆	Propane	- 42	- 44	5-10	36
255	C ₂ H ₆ O	Propyl alcohol	97.2		Nonazeotrope	130
256	C ₂ H ₆ N	Trimethylamine	3.5	< - 33.5	73	1

^c Data at 1200 mm. of Hg.