

TABLE VI. ORGANIC DERIVATIVES OF ALCOHOLS

a) Liquids (Listed in order of increasing atmospheric b.p.)*

No	Name	Boiling point, °C	Melting point, °C	n_D^{20}	D_4^{20}	Phenyl-urethane	1 Naphthyl-urethane	4 Nitro-benzoate	3,5-Dinitro-benzoate	Hydrogen 3-nitro-phthalate	Hydrogen phthalate	Miscellaneous
1	Methanol (Methyl alcohol)	64.65	f.p. -97	1.3306 ¹⁵	0.7915	47, al	124, lgr	96, dil al	108 (cor), al	153 (cor)	82.5 (cor)	Pseudosaccharin ether, 182 (cor)
2	Ethanol (Ethyl alcohol)	78.32	f.p. -117.3	1.3610	0.7894	52	79, lgr	57, al	93, al	158 (cor), w	48	Pseudosaccharin ether, 219 (cor)
3	2-Propanol (Isopropyl alcohol)	82.4	-89.5	1.37927	0.78507	75-6, lt pet	106	110.5, lt pet 108	123, pet eth	154 (cor), w		Pseudosaccharin ether, 137 (cor)
4	<i>d,l</i> -3-Buten-2-ol (Methyl vinyl carbinol)	94-6								43-4		Allophanate, 152, Constant boil mixt with 21.76% w, b.p. 80
5	2-Propen-1-ol (Allyl alcohol)	97.1		1.41345	0.8540	70	108	28	49-50	124		
6	1-Propanol (<i>n</i> -Propyl alcohol)	97.1		1.38499	0.80359	57, pet	80, 76	35, pet	74, pet eth	145.5 (cor), w	54.1-4 (cor), pet eth-bz (9.1)	Pseudosaccharin ether, 124.5 (cor)
7	2-Butanol (<i>d,l</i> - <i>sec</i> -Butyl alcohol, Ethyl methyl carbinol)	99.5		1.39495 ²⁵	0.80692	64.5, pet	97	25-6, dil al	76	131 (cor)	59-60	Pseudosaccharin ether, 65.5 (cor)
8	2-Methyl-2-butanol (<i>tert</i> -Amyl alcohol)	102.3	-8.55	1.4052	0.80889	42, pet eth	72	85	116, 117-8			
9	2-Fluoroethanol	105		1.3633 ²⁵			128					
10	2-Methyl-1-propanol (Isobutyl alcohol)	108.1		1.3939 ²⁵	0.80196	86, lgr	104	69	87	180.5 (cor)	65, pet eth	Pseudosaccharin ether, 100 (cor)
11	3-Buten-1-ol	122.5-3.5 ²⁵				23.4-4.5						
12	<i>d,l</i> -3-Methyl-2-butanol (<i>sec</i> -Isoamyl alcohol, <i>d,l</i> -Isopropyl methyl carbinol)	114, <i>d</i> 110-2		1.3973	0.8180	68	109			127	39, <i>d</i> 34, <i>l</i> 34	<i>d</i> [α] _D ²⁰ +5.34, in al
13	3-Pentanol (<i>sym-sec</i> -Amyl alcohol, Diethyl carbinol)	116.1		1.4103	0.82037	48-9	95, lgr	17	101, 99, 97	121		
14	1-Butanol (<i>n</i> -Butyl alcohol)	117.6, 116	-90.2	1.3974 ²⁵	0.80960	61	71	70, 64 35-6	64, 62.5	147 (cor)	73.1-5 (cor)	Pseudosaccharin ether, 96 (cor)
15	<i>d,l</i> -2-Pentanol (<i>sec</i> -Amyl alcohol)	119.85		1.4060	0.80919		74.5, 76, <i>d</i> 88-91	17	62	102-3	60-1, <i>d</i> 34, <i>l</i> 34	Pseudosaccharin ether, 38 (cor)
16	3,3-Dimethyl-2-butanol (<i>d,l</i> -Pinacolyl alcohol, <i>tert</i> -Butyl methyl carbinol)	120.4	5.3	1.4148	0.8185	77-8, pet eth			107, yel-wh, pet eth		85-6, lt pet	
17	2,3-Dimethyl-2-butanol (Dimethyl isopropyl carbinol)	120.5	-14	1.4140	0.8208	65-6, pet eth	101		111, yel, bz-pet eth			
18	3-Methyl-3-pentanol	123	-22	1.4166 ²⁵	0.82334 ²⁵	43.5	83.5		96.5, yel, pet eth, 62.5			Allophanate, 152 (cor)

* Derivative data given in order m p, crystal color, solvent from which crystallized

TABLE VI. ORGANIC DERIVATIVES OF ALCOHOLS
a) Liquids (Listed in order of increasing atmospheric b.p.)* (Continued)

No	Name	Boiling point, °C	Melting point °C	n_D^{20}	D_4^{20}	Phenyl urethane	1-Naphthyl urethane	4 Nitro benzoate	3,5-Dinitrobenzoate	Hydrogen 3-nitrophthalate	Hydrogen phthalate	Miscellaneous
19	2-Methyl-2-pentanol (Dimethyl <i>n</i> -propyl carbinol)	123, 121	-103, -108	1.4113	0.81341				72			Benzoate, 182.3, al., Allophanate, 128
20	2-Methoxyethanol (Methyl cellosolve, Ethylene glycol mono-methyl ether)	124.5		1.40238	0.9647		112.5, 3.0	50.5, dil al		129, dil al		Diphenyl urethane, 51
21	2-Methyl-3-pentanol (Ethyl isopropyl carbinol)	127.5		1.4168	0.82487	50			85, yellow, pet eth	150.7	70.69, 71, racemic	
22	1-Chloro-2-propanol	127							77			
23	2-Methyl-1-butanol (Active amyl alcohol, <i>d</i> - <i>sec</i> -Butyl carbinol)	128.9		1.4107	0.8193	31	82, lgr		70	157.8, w		$[\alpha]_D^{20}$ -5.756
24	2-Chloroethanol (Ethylene chlorohydrin)	131				51	101			98		
25	<i>d,l</i>-4-Methyl-2-pentanol (Isobutyl methyl carbinol)	132		1.4011	0.80713	143, et ac	88	26	65, yellow, pet eth			
26	3-Methyl-1-butanol (<i>prim</i> -Isoamyl alcohol)	132	-117	1.40851 ¹⁵	0.80918	56-7, lgr	68	21	61	166.3 (cor), 30% al	165-6, w	Pseudosaccharin ether, 64 (cor)
27	<i>d,l</i>-2-Chloro-1-propanol	133.4		1.436	1.103				76			Alkali + heat → propylene oxide b p 35
28	3-Methyl-2-pentanol (<i>sec</i> -Butyl methyl carbinol)	134.2 ⁷⁴⁹					72		43.5, yellow, pet eth, 41			
29	2-Ethoxyethanol (Ethylene glycol monoethyl ether)	135		1.40797	0.9297		67.3-5		75, al	118.8.6 (anh), 94.2.4 (monohyd) w-al		Diphenyl urethane, 43
30	3-Hexanol (Ethyl <i>n</i> -propyl carbinol)	136		1.4159	0.81851				97, yellow, white, pet eth		76-7, pet eth	
31	2,2-Dimethyl-1-butanol (<i>tert</i> -Amyl carbinol)	136.7		1.4208	0.82834	65-6	80-1, lgr			51, yellow, pet eth		Pseudosaccharin ether, 68-9 lt pet
32	1-Pentanol (<i>n</i> -Amyl alcohol)	138 (cor)	-78.5	1.40994	0.81479	46	68	11	46.4	136 (cor)	75.5	Pseudosaccharin ether, 62 (cor)
33	<i>d,l</i>-2-Hexanol (<i>n</i> -Butyl methyl carbinol)	138.9 ⁷⁴⁵		1.4126 ²⁵	0.80977 ²⁵		60.5	40	38.5		<i>d</i> 29	3,5-Dinitrophenyl urethane, 40
34	2,4-Dimethyl-3-pentanol	140		1.42259	0.8288	95, eth-pet eth, 96-9	95, 99	155		150-1		Camphor-like odor
35	Cyclopentanol	140.85		1.4530	0.94688	132.5, al	118					
36	2-Isopropoxyethanol (Ethylene glycol mono-isopropyl ether)	141.5 ⁷³⁶		1.40954	0.9030							Triphenylmethyl ether, 71.0-5, me al

*Derivative data given in order m p, crystal color, solvent from which crystallized

TABLE VI. ORGANIC DERIVATIVES OF ALCOHOLS.
a) Liquids (Listed in order of increasing atmospheric b.p.)* (Continued)

No	Name	Boiling point, °C	Melting point, °C	n_D^{20}	D_4^{20}	Phenyl-urethane	1 Naphthyl-urethane	4 Nitrobenzoate	3,5-Dinitrobenzoate	Hydrogen 3-nitro phthalate	Hydrogen phthalate	Miscellaneous
37	3-Ethyl-3-pentanol (Triethyl carbinol)	142		1.4305	0.83889							Camphor-like odor, Allophanate, 152 (cor)
38	2,3-Dimethyl-1-butanol	145		1.4195	0.8297 ²⁰ ₅	28.9			51.5, pale, pet eth			
39	3-Hydroxy-2-butanone (d,l-Acetoin, Acetyl methyl carbinol)	145	-72	1.4178	0.9861 ³⁰ ₄							Semicarbazone, 185, al, 202, 2,4-Dinitrophenylhydrazone, 318, or, PhNO ₂ -tol
40	1-Hydroxy-2-propanone (Acetol, Acetyl carbinol)	146	-17	1.4295	1.0824 ²⁰ ₂₀							Semicarbazone, 196, al, 2,4-Dinitrophenylhydrazone, 128.5 (cor), or, al
41	2-Methyl-1-pentanol (2-Methyl-n-amyl alcohol)	148.0		1.4190	0.8208		75.6		50.5, yellow, pet eth	145, 141, bz		
42	2-Ethylbutanol	148.9		1.4224	0.83345				51.5, pet eth			
43	2-Bromoethanol (Ethylene bromohydrin)	149d					86					
44	2-n-Propoxyethanol (Ethylene glycol monon-propyl ether)	150.0 ⁷³⁶		1.41328	0.9112							
45	Trichloroethanol	151	19			87	120	71, al	142.3			Urethane 64.5
46	3-Methyl-1-pentanol	151-2 153.7 4.1		1.4188	0.8242		58 d,l 40-1, d 38-40 l 37.8		38, yellow, pet eth			
47	4-Methyl-1-pentanol (Isoamyl carbinol, Isohexyl alcohol)	152.3		1.4153	0.8131	48 (cor)			72, pet eth 69.8 (cor)	138.5 40, bz-pet eth		
48	d,l-4-Heptanol (Di-n-propyl carbinol)	156	-41.5	1.4205	0.8183		78.80	35	64		60	
49	1-Hexanol (n-Hexyl alcohol)	157.5	-51.6 -46.1	1.41778	0.81893	42	59.62	5	58.4 (cor), 60.1	124 (cor), 123	25	Pseudosaccharin ether 60 (cor)
50	d,l-2-Heptanol (n-Amyl methyl carbinol, sec-Heptyl alcohol)	158.7		1.4210	0.8167		54		49.4		57.5 d,l 76.5	
51	2-Isobutoxyethanol (Ethylene glycol monoisobutyl ether)	159.3 ⁷⁴⁶		1.41428	0.8900							
52	2-sec-Butoxyethanol (Ethylene glycol monosec-butyl ether)	159.3 ⁷⁴⁶		1.41606	0.8966							
53	2,4-Dimethyl-1-pentanol	159.8		1.427	0.793					154-5, bz-pet eth		p-Xenylurethane, 74-5, pet

*Derivative data given in order: m.p., crystal color, solvent from which crystallized

TABLE VI. ORGANIC DERIVATIVES OF ALCOHOLS
a) Liquids (Listed in order of increasing atmospheric b.p.)* (Continued)

No	Name	Boiling point, °C	Melting point, °C	n_D^{20}	D_4^{20}	Phenylurethane	1-Naphthylurethane	4-Nitrobenzoate	3,5-Dinitrobenzoate	Hydrogen 3-nitrophthalate	Hydrogen phthalate	Miscellaneous
54	3-Chloro-1-propanol (3-Chloropropyl alcohol)	161.2				38	76		77			
55	2-Methyl-1-hexanol	164.5		1.4250	0.8270					131.2, wh, pet		<i>p</i> -Xenylurethane, 88.0-5, pet
56	2-Ethyl-1-pentanol (2-Ethyl- <i>n</i> -amyl alcohol)	164.6								127.8, bz-pet		<i>p</i> -Xenylurethane, 77-77.5, pet
57	<i>d,l</i>-4-Methyl-1-hexanol	165.173		1.4219	0.8239		50			149		Odor of Amyl alcohol
58	<i>d,l</i>-<i>cis</i>-2-Methylcyclohexanol (<i>cis</i> -Hexahydro- <i>o</i> -cresol)	165.3	-9.3	1.4640	0.9340	90.1, 93.4		51.2, 55.6	98.9		103.4, 104.5	
59	4-Hydroxy-4-methyl-2-pentanone (Diacetone alcohol)	166			0.9306 ²⁵			48	55			Oxime, 57.5-8.5 lgr-eth
60	<i>d,l</i>-<i>trans</i>-2-Methylcyclohexanol (<i>trans</i> -Hexahydro- <i>o</i> -cresol)	167.4	21	1.4611	0.9235	105, mixt <i>cis</i> + <i>trans</i> , 90, 105		65, mixt <i>cis</i> + <i>trans</i> , 35-6	114.5, mixt <i>cis</i> + <i>trans</i> , 85, 90		124.5, mixt <i>cis</i> + <i>trans</i> , 95, 6	
61	2-<i>n</i>-Butoxyethanol (Ethylene glycol mono- <i>n</i> -butyl ether)	170-6 ^{74,8}		1.4177 ²⁶	0.9188	62				120.0, 6		4-Nitrophenylurethane, 58.7, 9.1, CCl ₄ , N-1-Naphthylurea, 186 (cor), Picrate, 160
62	2-Aminoethyl alcohol (Ethanolamine)	171										<i>p</i> -Xenylurethane, 118 Allophanate, 156
63	2,6-Dimethyl-4-heptanol (Di-isobutyl carbinol)	171.4, 3.4		1.4242	0.8129 ²⁰	61.2, lgr-al					118	
64	Furfuryl alcohol (2-Furyl carbinol)	172, 170		1.4863	1.1351 ²⁰	45	129.30, lgr, 133	76	80.1		85	Urethane, 50, Pseudosaccharin ether 55
65	<i>d,l</i>-<i>cis</i>-3-Methylcyclohexanol (<i>cis</i> -Hexahydro- <i>m</i> -cresol)	173.4		1.4572	0.919	87.8	128.9	65	91.2		82-3	
66	<i>d,l</i>-<i>cis</i>-4-Methylcyclohexanol (<i>cis</i> -Hexahydro- <i>p</i> -cresol)	173.4 ⁷⁰		1.4549	0.914	118.9		94	134		72.3	
67	<i>d,l</i>-<i>trans</i>-4-Methylcyclohexanol (<i>trans</i> -Hexahydro- <i>p</i> -cresol)	173.4, 5 ⁷⁴		1.4534	0.913	124.5, mixt <i>cis</i> + <i>trans</i> , 112.5		67	139.40, mixt <i>cis</i> + <i>trans</i> , 125.30		119-25, ac a	
68	<i>d,l</i>-<i>trans</i>-3-Methylcyclohexanol (<i>trans</i> -Hexahydro- <i>m</i> -cresol)	174.5		1.4550	0.9145	93.4, mixt <i>cis</i> + <i>trans</i> , 75.85	122	58	97.8, mixt <i>cis</i> + <i>trans</i> , 80.5		93.4	
69	2,6-Dimethylcyclohexanol	174-5 ^{74,8}		1.4619	0.9115, 0.9235	158						
70	<i>cis</i>-2,5-Dimethylcyclohexanol	175		1.4522 ¹¹	0.9096 ¹¹							Allophanate, 157.8
71	<i>trans</i>-2,4-Dimethylcyclohexanol	175		1.4560	0.900	96						Acetate, b p 198 ⁷¹
72	1,3-Dichloro-2-propanol	176				73	115					

*Derivative data given in order m p, crystal color, solvent from which crystallized

TABLE VI. ORGANIC DERIVATIVES OF ALCOHOLS
a) Liquids (Listed in order of increasing atmospheric b.p.)* (Continued)

No	Name	Boiling point °C	Melting point °C	n_D^{20}	D_4^{20}	Phenyl urethane	1 Naphthyl urethane	4 Nitro benzoate	3,5 Dinitro benzoate	Hydrogen 3 nitro phthalate	Hydrogen phthalate	Miscellaneous
73	3-Bromo-1-propanol (Triethylene bromohydrin)	176d					73					
74	cis-2,4-Dimethylcyclohexanol	176		1 4582	0 907							
75	1-Heptanol (<i>n</i> -Heptyl alcohol)	176 8	-34 6 -33 8	1 4245	0 82242	60 65	62	10	46 47	127 (cor)	16 5-17 5	Pseudosaccharin ether, 55 (cor) Allophanate, 125
76	trans-2,5-Dimethylcyclohexanol	177		1 4545 ¹⁷	0 9079 ¹⁷							
77	2,2-Dimethylcyclohexanol	177	8	1 4648	0 9225	85						
78	Tetrahydrofurfuryl alcohol	177-8 ⁴³		1 45167	1 0544	61, pet eth bis		46-8	83-4			Diphenylurethane, 81, me al
79	2-Methyl-1,2-propanediol (Isobutylene glycol)	178		1 4358 ¹⁷	0 999 ¹⁴	140 5						
80	d,l-2-Octanol	179		1 4265	0 8205	oil	63-4, 62 5	28	32		55, d,l 75	
81	2,2-Dibromoethanol	179-81										Urethane 90-1
82	1,3,5-Trimethylcyclohexanol	181		1 454 ^{16 3}	0 8876 ^{18 8}							
83	2,3-Butanediol (2,3-Butylene glycol)	meso 181 7 ⁴² , d,l 176 7 ⁴²	meso 34 4, d,l 7 6	meso 1 43637	meso 1 0433	meso bis 201						Dibenzoate d,l 53 4, meso 75 5-6 2
84	Cyclohexyl carbinol (Hexahydrobenzyl alcohol)	182		1 4649	0 9280							Acetate, b p 199-201 ⁷⁴⁰
85	2,3-Dichloropropanol	182				73	93	37-8				2-Naphthylurethane, 99
86	4-Methyl-1-heptanol	182 7								133		Pseudosaccharin ether, 34 (cor)
87	2-Ethyl-1-hexanol	184 6		1 4328	0 8328	33-4	60 1			108		<i>p</i> -Xenylurethane, 80, pet, Pseudosaccharin ether, 53 5 (cor)
88	3,3-Dimethylcyclohexanol	185 ⁷⁵⁴	11 2	1 4606 ¹⁵	0 9128 ¹⁴			83				Acetate, b p 194-5 ⁷⁵⁰ , <i>o</i> -Nitrobenzoate, 62
89	cis-3,5-Dimethylcyclohexanol	187		1 454 ²¹	0 9109 ²¹							Acetate, b p 201-2
90	trans-3,5-Dimethylcyclohexanol	d,l 187		1 4579	d 0 9146, l 0 9166							Acetate, d,l, b p, 196 d, $[\alpha]_D^{20} +4 55$, l, $[\alpha]_D^{20} -7 74$
91	d,l-1,2-Propanediol (α -Propylene glycol)	187 4		1 43162 ²⁵	1 0354 ²³	bis 153, 143-4						Monostearate, 59 5, Distearate, 72 3
92	3,4-Dimethylcyclohexanol	189		1 458 ¹⁶	0 9073 ¹⁶	119						
93	2,4,5-Trimethylcyclohexanol	cis 191-3, trans 196				cis 83 5, al, trans 95, al					81-3 5, eth-lgr	
94	1,3,3-Trimethylcyclohexen-6-ol	193 (cor)			0 9310 ¹³							Acetate, b p 206 7
95	2,3,6-Trimethylcyclohexanol	193-5 ⁷⁴⁷			0 9119 ¹⁷							

*Derivative data given in order m p, crystal color, solvent from which crystallized

TABLE VI. ORGANIC DERIVATIVES OF ALCOHOLS
a) Liquids (Listed in order of increasing atmospheric b.p.)* (Continued)

No	Name	Boiling point °C	Melting point, °C	n_D^{20}	D_4^{20}	Phenyl-urethane	1 Naphthyl urethane	4 Nitro benzoate	3,5-Dinitro benzoate	Hydrogen 3-nitro phthalate	Hydrogen phthalate	Miscellaneous
96	2-(2-Methoxyethoxy)-ethanol (Diethylene glycol monomethyl ether)	194		1.4244	1.035 ₂₀ ²⁰			92		91.4, 2.2 (anh.), 87.90 (monohyd) w-al		4-Nitrophenylurethane, 73.5, 76
97	5-Nonanol	194 ⁷⁴³		1.4289 ^{1K}							45	Allophanate, 158
98	1-Octanol (<i>n</i> -Octyl alcohol)	195	-16, -16.7	1.4274 ²⁵	0.8249	74.72	67	12	61.2	128 (cor)	22	Pseudosaccharin ether 46 (cor)
99	2-Methyl-2,4-pentanediol	196, 198		1.42976 ^{16,7}	0.9240 ¹⁷							Odor of pinacol, Heating with 2% HBr → diene, b p 75.5-76.0
100	2-(2-Ethoxyethoxy)-ethanol (Diethylene glycol monoethyl ether)	196 ⁷⁶³		1.4298	1.023 ₂₀ ²⁰			oil	oil	oil		4 Nitrophenylurethane, 65.8, 6.3
101	Glycol (1,2-Ethanediol)	197.85	-12.6	1.43192	1.11361	<i>di</i> 157	<i>di</i> 176	140, 141	<i>di</i> 169			<i>bis</i> -4-Nitrophenylurethane, 135.5
102	<i>d,l</i> -2-Nonanol	198.2		1.4290 ²⁵	0.81910 ₄ ²⁵		55.5, <i>lt</i> pet		42.8 (cor)		42.4, <i>d,l</i> 58-9	
103	<i>l</i> -Linalool (<i>l</i> -Linalyl alcohol)	199		1.46238	0.8622	65.6	53	70				[α] _D -3 to -17
104	Benzyl alcohol	205.5	-15.3	1.53955	1.04540	77, 75.5, 76, <i>pet eth</i>	134	85	113	176	106, 104	Pseudosaccharin ether, 130 (cor)
105	<i>d,l</i> -1,3-Butanediol (<i>d,l</i> -1,3-Butylene glycol)	207.5, 204		1.44252 ^{19,5}	1.0053	122-3, <i>d</i> 115-6	184					Diphenylurethane / 127.8
106	<i>d,l</i> -2-Decanol (Methyl <i>n</i> -octyl carbinol)	211		<i>d</i> 1.4344	<i>d</i> 0.8250		69, <i>lt pet</i>				48.9, <i>d</i> 38.9	
107	1-Nonanol (<i>n</i> -Nonyl alcohol)	213.5		1.43105	0.8271	60, 69, 62-4	<i>di</i> 137	<i>di</i> 164	<i>di</i> 119	<i>di</i> 178		Pseudosaccharin ether, 49 (cor)
108	1,3-Propanediol (Trimethylene glycol)	214.7, 210-2	-30	1.43983	1.0538							Dibenzoate, 57, 59
109	3-Methylbenzyl alcohol (3-Tolyl carbinol)	217			0.9157 ¹⁷		116					
110	α -4-Dimethylbenzyl alcohol (α -Methyl-4-tolyl carbinol)	219			0.9668 _{19,5} ^{19,5}	96, <i>pet eth</i>						
111	1-Phenyl-<i>n</i>-propyl alcohol (<i>d,l</i> -Phenylethyl carbinol)	219		1.5257	1.0056 ₂₀ ²⁰		102	59-60, 56.5, 7.8				
112	2,3-Dibromo-1-propanol	219d				84		59-60				3,5-Dinitrophenylurethane, 71
113	2-Phenethyl alcohol (2-Phenylethanol)	219.8	-25.8	1.5240	1.0235 ₂₅ ²⁵	78, 79-80, <i>al</i>	119	61.5-2 (cor), 62-3, <i>al</i>	108	123	188-9	
114	<i>d,l</i> - α -Terpineol	221	35, <i>d,l</i> 37-8	1.4834	0.9337	112.3, <i>me al</i> , <i>d,l</i> 110	152, 147	139, <i>me al</i>	78-9, <i>lgr</i>		117-8, <i>ac a</i>	Commercial liquid, lilac-like odor

*Derivative data given in order m p, crystal color, solvent from which crystallized

TABLE VI. ORGANIC DERIVATIVES OF ALCOHOLS
a) Liquids (Listed in order of increasing atmospheric b.p.)* (Continued)

No	Name	Boiling point °C	Melting point °C	n_D^{20}	D_4^{20}	Phenyl urethane	1 Naphthyl urethane	4 Nitro benzoate	3,5 Dinitro benzoate	Hydrogen 3 nitro phthalate	Hydrogen phthalate	Miscellaneous
115	Citronellol	222 118 ¹⁷										Oxid → Adipic acid, 89, Rose-like odor
116	α -Isopropylbenzyl alcohol (<i>d,l</i> -Isopropyl phenyl carbinol)	222.4		1.51932 ¹⁸	0.9790 ²⁰		116.7					Oxid → Isopropylphenyl ketone, b p 222
117	<i>d,l</i> -2-Undecanol (<i>d,l</i> -2-Hendecanol Methyl <i>n</i> -nonyl carbinol)	228-9			0.8263 ¹⁸						49.50	
118	2-(2- <i>n</i> -Butoxyethoxy)-ethanol (Diethylene glycol mono- <i>n</i> -butyl ether)	228-30		1.4341	0.957 ²⁰							4-Nitrophenyl-urethane 54.5-5.3
119	1,4-Butanediol (Tetra-methylene glycol)	230, 235	19.0, 5	1.4467	1.0171	<i>di</i> 183 3.5 chl 180	<i>di</i> 199, xyl	<i>di</i> 175 ac a				Dibenzoate, 81.2, eth
120	Geraniol	230		1.4766	0.8894		47.8	35	62.3	117	47, lgr	
121	1-Decanol (<i>n</i> -Decyl alcohol)	231	5.99, 6.4	1.43682	0.8292	59.6, bz, then al	73	30.2, al	57.7	122.8 (cor)	38 (cor)	Pseudosaccharin ether, 47.5 (cor)
122	2-Phenoxyethanol (Ethylene glycol monophenyl ether)	237, 245		1.534	1.102 ²²					112.3		Benzoate 64 4-Toluene-sulfonate 80, al
123	3-Phenylpropanol (Hydrocinnamyl alcohol)	237.4, 235		1.53565	1.0079	45 47-8, al		45.6, 47	92	117		4 Nitrophenyl urethane 104 pet eth
124	1,5-Pentanediol (Penta-methylene glycol)	238-9		1.4499	0.9939 ²⁰	<i>di</i> 174-5 (cor) abs al	<i>di</i> 147	<i>di</i> 104-5, bz-al				
125	1-Undecanol (1-Hendecanol <i>n</i> -Undecyl alcohol)	243	15.85, 14.3			62, al, 52		99.5, al	55	123.3 (cor)	43.8, 4.1	Allophanate 156 Pseudosaccharin ether 58.5 (cor)
126	Diethylene glycol (β,β' -Dihydroxydiethyl ether)	244.5	f p -10.45	1.4475	1.1212 ¹⁵		149	151 (cor), 149, ac a				
127	2-Methoxybenzyl alcohol (Saligenin-2-methyl ether)	247		1.549 ¹⁷	1.0495 ¹⁵		135-6					Allophanate, 180, Benzoate, 59, lgr
128	2-Benzyloxyethanol (Ethylene glycol monobenzyloxy ether)	265.0		1.5225	1.0700 ²⁰							Triphenylmethyl ether, 76.7, eth
129	<i>n</i> -Hexyl phenyl carbinol	275		1.501	0.946	75						
130	Triethylene glycol (Ethylene glycol di-(β -hydroxyethyl) ether)	285, 165 ¹⁴	-9.4	1.4578 ¹⁵	1.1274 ¹⁵							<i>bis</i> -Triphenylmethyl ether, 142.2.5, acet
131	Glycerol (1,2,3-Trihydroxypropane)	290d	17.9	1.4729	1.26134	<i>tri</i> 180	<i>tri</i> 191- 2, al	<i>tri</i> 188				4-Nitrophenyl urethane, 216 Tribenzoate, 71.2, 75.6
132	3,4-Dimethoxybenzyl alcohol (Veratryl alcohol)	296-7 ³²		1.555 ¹⁷	1.179 ¹⁷	118						Acetate, b p 170 ¹² , n_D^{20} 1.5245, Benzoate, 36.7

*Derivative data given in order m p, crystal color, solvent from which crystallized

TABLE VI. ORGANIC DERIVATIVES OF ALCOHOLS
a) Liquids (Listed in order of increasing atmospheric b.p.)* (Continued)

No	Name	Boiling point °C	Melting point °C	n_D^{20}	D_4^{20}	Phenyl urethane	1 Naphthyl urethane	4 Nitro benzoate	3 5 Dinitro benzoate	Hydrogen 3 nitro phthalate	Hydrogen phthalate	Miscellaneous
133	4-Methoxyphenyl methyl carbinol (4 Anisyl methyl carbinol)	310d (cor)		1 557	1 086 $\frac{1}{2}$	82 3						Odor of anise Oxid → 4 Methoxy acetophenone 38
134	<i>cis</i> -Octa-9-decen-1-ol (Oleyl alcohol <i>cis</i> -Octadecenyl alcohol)	333 5		1 4607	0 8489	oil	β 44 5 al					Allphante 135 chl 129 chl 4 Nitrophenyl urethane 85 91

*Derivative data given in order m p , crystal color, solvent from which crystallized