

TABLE 3 (continued)

Name	Formula	Ignition temperatures			Flash points		
		° F.	° C.	Ref. no.	° F.	° C.	Ref. no.
Oil, palm		600	316	32	323	162	32
Oil, paraffin		—	—	—	444	229	32
Oil, peanut		833	445	11	540	282	11
Oil, pine		—	—	—	172	78	11
Oil, pine tar		—	—	—	144	62	11
Oil, rape		836	447	11	325	163	11
Oil, rosin		648	342	11	266	130	11
Oil, soybean		833	445	11	540	282	11
Oil, sperm		586	308	85	428	220	85
Oil, straw		—	—	—	315	157	85
Oil, tallow		—	—	—	492	256	11
Oil, transformer		—	—	—	295	146	11
Oil, tung		855	457	11	552	289	11
Oil, Turkey-red		833	445	11	476	247	11
Oil, whale		800	427	11	446	230	11
Paraffin		473	245	11	390	199	11
Paraldehyde	$C_2H_4O_3$	460	238	11	63	17	11
Paraformaldehyde	$C_2H_4O_3$	534	279	87	158	70	11
Pentane	C_5H_{12}	549	287	75	-40	-40	11
Isopentane	C_5H_{12}	788	420	10	< -60	< -51	11
Petroleum ether		550	288	75	-69	-56	11
Phenol	C_6H_5O	1319	715	11	175	79	103
Phthalic anhydride	$C_8H_4O_3$	1076	580	38	305	152	11
Pinene	$C_{10}H_{16}$	527*	275*	82	91	33	11
Propane	C_3H_8	920	493	73	—	—	—
Propargyl alcohol	C_3H_4O	705	374	87	—	—	—
Propyl acetate	$C_5H_{10}O_2$	942	450	73	58	14	11
Isopropyl acetate	$C_5H_{10}O_2$	881	476	10	40	4	85
Propyl alcohol	C_3H_7O	822	439	73	59	15	11
Isopropyl alcohol	C_3H_7O	853	456	80	53	12	11
Propylamine	C_3H_7N	604	318	31	—	—	—
Isopropylamine	C_3H_7N	756	402	30	-15	-26	11
Propylbenzene	C_8H_{10}	—	—	—	86	30	11
Isopropylbenzene	C_8H_{10}	795	424	75	102	39	79
Propyl-bromide	C_3H_7Br	914	490	73	< 0	< -18	11
Propyl chloride	C_3H_7Cl	968	520	73	—	—	—
Propylcyclopentane	C_8H_{16}	545	285	94	—	—	—
Propylene	C_3H_4	856	458	42	—	—	—
Propylene diamine	$C_3H_8N_2$	718	381	87	72	22	87
Propylene-dichloride	$C_3H_4Cl_2$	1035	557	54	60	16	84
Propylene glycol	$C_3H_8O_2$	790	421	73	207	97	30
Propylene oxide	C_3H_4O	—	—	—	-35	-37	79
Propyl ether	$C_4H_{10}O$	372	189	104	—	—	—
Isopropyl ether	$C_4H_{10}O$	781	416	10	-18	-28	11
Propyl formate	$C_4H_8O_2$	851	455	10	27	-3	11
Isopropyl formate	$C_4H_8O_2$	905	485	10	22	-6	10
Propyl nitrate	$C_4H_9NO_3$	379	193	87	—	—	—

TABLE 3 (continued)

Name	Formula	Ignition temperatures			Flash points		
		° F.	° C.	Ref. no.	° F.	° C.	Ref. no.
Pyridine	C_5H_5N	900	482	32	74	23	32
Standard solvent		444	229	75	100-110	38-43	10
Succinic acid	$C_4H_4O_4$	743	395	11	385	196	11
Styrene	C_8H_8	914	490	73	87	31	10
Tetradecane	$C_{14}H_{30}$	396	202	75	212	100	11
Tetrahydrofurfural al-							
cohol	$C_5H_8O_2$	540	282	73	167	75	79
2,2,3,3-Tetramethyl-							
pentane	C_8H_{18}	806	430	75	—	—	—
Toluene	C_7H_8	997	538	75	40	4	11
o-Toluidine	C_7H_7N	900	482	32	185	85	11
p-Toluidine	C_7H_7N	900	482	11	188	87	11
Trichloroethylene	C_2HCl_3	865	463	73	—	—	—
Trimethylamine	C_3H_9N	450	232	31	20	-7	11
Triethylene glycol	$C_6H_{14}O_4$	700	371	31	350	177	11
Trimethylamine	C_3H_7N	374	190	31	—	—	—
Trimethylbenzene	C_9H_{12}	948	509	82	—	—	—
2,2,4-Trimethylpentane	C_8H_{18}	813	434	10	10	-12	11
Trioxane	$C_3H_2O_3$	795	424	73	113	45	11
Valeripentane	$C_{10}H_{18}$	491	255	21	95	35	11
Valeric acid	$C_5H_{10}O_2$	1274	690	105	—	—	—
Valerol-aldehyde	$C_5H_{10}O$	608	320	105	—	—	—
Vinylacetate	$C_4H_6O_2$	800	427	11	18	-8	11
m-Xylene	C_8H_{10}	867	464	75	63	17	14
p-Xylene	C_8H_{10}	982	528	75	77	25	79
o-Xylene	C_8H_{10}	984	529	75	77	25	79
o-Xylidine	$C_8H_{11}N$	—	—	—	206	97	11

* Determinations made in oxygen.

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