NO	FORMULA	EFRACTIVE INDEX, DIPOLE MOMENT, AND	Refractive Index				
1	CBrCIF2	BROMOCHLORODIELLIOPONTE	_	/alue @ T	Dipole Mom State	-	Radius of Gyration
2	CBrCl3	DIVONO I RICHI DE CIMETUALIE			State	Debye	Angstrom 3.105
3	CBrF3	BROMOTRIFLUOROMETHANE	25.0	1.5060	in benzene	0.59	3.577
4	CBr2F2	DIBROMODIFLUOROMETHAND	25.0	1.2380	gas	0.65	2.810
5	CCIF3	CHLOROTRIFLUOROMETHANE	14.9	1.4016	gas	0.66	3.243
6	CCIN CCI2F2	CYANOGEN CHLORIDE	25.0	1.1990	gas	0.51	2.894
7_	CCI2O	DICHLORODIFLUOROMETHANE PHOSGENE	26.6	1.2850	gas	2.82	1.250
9	CCI3F	TRICHLOROFLUOROMETHANE	25.0	1.3561	gas	0.51	3.052 2.877
10	CCI4	CARBON TETRACHLORIDE	25.0	1.3740	gas	1.17 0.45	3.289
.11	CF2O	CARBONYL FLUORIDE	25.0	1.4573	gas	0.00	3.482
12	CF4	CARBON TETRAFLUORIDE			gas	0.95	2.269
13	СНВгЗ	TRIBROMOMETHANE	-73.2	1.1510	gas	0.00	2.668
14	CHCIF2	CHLORODIFLUOROMETHANE	25.0	1.5956	gas	0.99	3.730
15	CHCI2F	DICHLOROFLUOROMETHANE	25.0 25.0	1.2560	gas	1.42	2.689
16	CHCI3	CHLOROFORM	25.0	1.3540	gas	1.29	3.015 3.249
17	CHF3	TRIFLUOROMETHANE	-73.2	1.2150	gas	1.01	2.454
18	CHN CHI3	TRIIODOMETHANE HYDROGEN CYANIDE			gas in benzene	0.90	
19	CHNS	HYDROGEN CYANIDE ISOTHIOCYANIC-ACID	25.0	1.2594	gas	2.98	0.654
20	CHNS CH2BrCl	BROMOCHLOROMETHANE			gas	1.72	
21	CH2Br2	DIBROMOMETHANE	25.0	1.4808	in benzene	1.66	2.247
23	CH2CIF	CHLOROFLUOROMETHANE	25.0	1.5389	gas	1.43	2.327
24	CH2CI2	DICHLOROMETHANE			gas	1.82	
25	CH2F2	DIFLUOROMETHANE	25.0	1.4212	gas	1.60	2.322
26	CH2I2	DIIODOMETHANE	25.0	1.1960	gas	1.96	1.950
27	CH2O	FORMALDEHYDE	25.0	1.7380	in benzene	1.22	2.438
28	CH2O2	FORMIC ACID	25.0	4.0000	gas	2.33	1.215
29	CH3Br	METHYL BROMIDE	25.0 25.0	1.3693	gas	1.42	1.847 1.173
30	CH3CI	METHYL CHLORIDE	25.0	1.4187 1.3362	gas	1.81	1.1/3
31	CH3Cl3Si	METHYL TRICHLOROSILANE	25.0	1.4085	gas	1.91	1.200
32	CH3F	METHYL FLUORIDE	25.0	1.1740	gas gas	1.85	1.410
33	CH3I	METHYL IODIDE	25.0	1.5270	gas	1.62	
34	CH3NO	FORMAMIDE	25.0	1.4468	gas	3.73	
35	CH3NO2	NITROMETHANE	25.0	1.3796	gas	3.46	2.354
36	CH3NO2	METHYL-NITRITE					
37	CH3NO3	METHYL-NITRATE			in benzene	2.88	
38	CH4	METHANE	25.0	1.0004	gas	0.00	1.118
39	CH4Cl2Si	METHYL DICHLOROSILANE	19.9	1.3992	in benzene	1.91	3.256
40	CH4O	METHANOL	25.0	1.3265	gas	1.70	
41	CH4O3S	METHANESULFONIC ACID	17.9	1.4317			
42	CH4S	METHYL MERCAPTAN			gas	1.52	
43	CH5CISi	METHYL CHLOROSILANE METHYLAMINE		4.0404	in cyclohexan	_	
44	CH5N CH6Si	METHYL SILANE	25.0	1.3491	gas	0.7	
	1	TETRANITROMETHANE	25.0	1.4358	gas	-	
46	CN4O8	CARBON MONOXIDE	25.0	1.0003	gas	0.0	
48	cos	CARBONYL SULFIDE	20.0	1.3785	gas	0.7	
49	CO2	CARBON DIOXIDE	25.0	1.0004	gas	0.0	
50	CS2	CARBON DISULFIDE	25.0	1.6241	gas	0.0	
51	C2BrF3	BROMOTRIFLUOROETHYLENE			gas	0.7	
52	C2Br2F4	1,2-DIBROMOTETRAFLUOROETHANE	25.0	1.3670			3.779
53	C2CIF3	CHLOROTRIFLUOROETHYLENE	19.9	1.0010	gas	0.4	40 3.293
54	C2CIF5	CHLOROPENTAFLUOROETHANE	25.0	1.2140		0.9	52 3.587
55	C2Cl2F4	1,2-DICHLOROTETRAFLUOROETHANE	25.0	1.2880		0.9	56 3.602
56	C2Cl3F3	1,1,2-TRICHLOROTRIFLUOROETHANE	25.0	1.3540			3.791
57	C2CI4	TETRACHLOROETHYLENE	25.0	_		е 0.	00 4.059
58	C2CI4F2	1,1,2,2-TETRACHLORODIFLUOROETHANE	25.0	1.4130	-		3.628
59	C2CI4O	TRICHLOROACETYL CHLORIDE			in benzen		20 4.037
60	C2CI6	HEXACHLOROETHANE		-	gas	_	.00 4.143
61	C2F4	TETRAFLUOROETHYLENE	70.0	1 2000	1		.00 3.419
62		HEXAFLUOROETHANE	-73.2 25.0	_		-	
63		HALOTHANE	25.0	_			- 3.735 - 2.994
64	-	2-CHLORO-1,1-DIFLUOROETHYLENE	25.0		0 liquid		0.77 3.742
65		TRICHLOROETHYLENE	15.9	_	-		.58 3.988
66		DICHLOROACETYL CHLORIDE	19.9	_		_	1.96 3.649
67		TRICHLOROACETALDEHYDE	25.0				0.92 4.172
66		PENTACHLOROETHANE	23.0	- 1.000			
69		TRIFLUOROETHENE	19.	9 1.285	60 ga <b>s</b>		2.28 3.294
70		TRIFLUOROACETIC ACID	18.				1.54 3.283
7		PENTAFLUOROETHANE	10.	- 1.00			0.00 0.74
7:		ACETYLENE	25.				1.30 4.54
7:		1,1,2,2-TETRABROMOETHANE	19.	_			1.34 3.01
7		1,1-DICHLOROETHYLENE	19.	_			1.90 2.99
7	-	ds-1,2-DICHLOROETHYLENE	19.	_			0.00 2.63
7		trans-1,2-DICHLOROETHYLENE			- gas		2.23 3.39
	C2H2CI2O	CHLOROACETYL CHLORIDE				_	2.36 3.41