

		Exchange	Electrostatics	Induction	iHF	Dispersion	Total Energy
Acetone	Acetone	0.63	0.50	0.97	0.74	0.66	0.92
Acetone	Ar	0.80	0.91	1.15	0.93	0.78	0.89
Acetone	Chloromethane	0.51	0.29	0.76	1.20	0.29	0.39
Acetone	CO ₂	0.63	0.25	1.43	0.82	0.35	0.33
Acetone	Dimethyl Ether	0.79	0.41	0.69	0.80	0.64	0.47
Acetone	Ethane	0.90	0.35	0.76	0.90	0.77	0.52
Acetone	Ethanol	0.75	0.40	0.92	0.65	0.59	0.65
Acetone	Ethene	0.63	0.49	1.06	0.97	0.27	0.51
Acetone	H ₂ O	0.33	0.21	0.64	0.68	0.30	0.25
Acetone	Methane	0.86	0.84	0.72	0.82	0.69	1.04
Acetone	Methanol	0.66	0.47	0.92	0.63	0.91	0.65
Acetone	Methyl Amine	0.63	0.36	0.91	0.70	0.46	0.46
Acetone	NH ₃	0.41	0.35	1.29	0.79	0.54	0.38
Ar	Ar	1.00	1.00	1.00	1.00	1.00	1.00
Ar	Chloromethane	0.48	0.51	0.83	1.19	0.21	0.51
Ar	CO ₂	0.30	0.52	0.65	1.23	0.47	0.18
Ar	Dimethyl Ether	0.79	0.82	0.72	1.21	0.53	0.70
Ar	Ethane	1.00	1.03	0.96	1.00	1.00	1.00
Ar	Ethanol	0.80	0.77	1.32	0.71	0.50	0.72
Ar	Ethene	0.71	0.79	0.96	1.07	0.23	0.29
Ar	H ₂ O	0.27	0.35	0.56	0.48	0.19	0.23
Ar	Methane	1.00	1.02	0.97	1.00	1.00	0.99
Ar	Methanol	0.72	0.76	1.13	0.56	0.86	0.87
Ar	Methyl Amine	0.77	0.84	0.64	0.67	0.47	0.47
Ar	NH ₃	0.46	0.49	0.79	0.59	0.54	0.58
Chloromethane	Chloromethane	0.32	0.25	0.74	0.96	0.24	0.25
Chloromethane	CO ₂	0.56	0.28	0.72	1.34	0.39	0.37
Chloromethane	Dimethyl Ether	0.63	0.40	0.83	1.06	0.29	0.42
Chloromethane	Ethane	0.55	0.38	0.82	1.16	0.33	0.47
Chloromethane	Ethanol	0.65	0.37	0.80	1.11	0.28	0.33
Chloromethane	Ethene	0.47	0.45	0.81	0.98	0.30	0.38
Chloromethane	H ₂ O	0.34	0.24	0.24	1.02	0.10	0.22
Chloromethane	Methane	0.40	0.56	0.82	1.12	0.25	0.39
Chloromethane	Methanol	0.60	0.32	0.74	1.26	0.38	0.47
Chloromethane	Methyl Amine	0.43	0.33	1.06	0.87	0.34	0.38
Chloromethane	NH ₃	0.38	0.29	0.43	0.89	0.45	0.22
CO ₂	CO ₂	0.26	0.11	1.01	1.56	0.20	0.12
CO ₂	Dimethyl Ether	0.73	0.47	1.29	1.16	0.32	0.48
CO ₂	Ethane	0.95	0.35	0.59	1.01	0.35	0.37
CO ₂	Ethanol	0.73	0.29	0.98	0.91	0.29	0.33
CO ₂	Ethene	0.72	0.75	0.63	1.03	0.15	0.23
CO ₂	H ₂ O	0.33	0.11	0.85	0.96	0.11	0.15
CO ₂	Methane	0.69	0.80	0.56	1.04	0.23	0.34
CO ₂	Methanol	0.70	0.35	1.24	1.03	0.46	0.44
CO ₂	Methyl Amine	0.70	0.51	0.77	1.02	0.29	0.39
CO ₂	NH ₃	0.35	0.24	1.25	1.25	0.32	0.25
Dimethyl Ether	Dimethyl Ether	0.77	0.48	0.73	0.84	0.54	0.43
Dimethyl Ether	Ethane	0.85	0.46	0.82	1.00	0.73	0.54
Dimethyl Ether	Ethanol	0.76	0.42	1.09	0.85	0.51	0.39
Dimethyl Ether	Ethene	0.69	0.41	0.79	0.92	0.31	0.48
Dimethyl Ether	H ₂ O	0.40	0.31	0.58	0.64	0.19	0.24
Dimethyl Ether	Methane	0.72	0.69	0.89	0.84	0.54	0.61
Dimethyl Ether	Methanol	0.65	0.36	1.32	0.71	0.92	0.43
Dimethyl Ether	Methyl Amine	0.69	0.37	1.18	0.53	0.41	0.45
Dimethyl Ether	NH ₃	0.47	0.35	1.05	0.71	0.47	0.32
Ethane	Ethane	1.00	0.80	0.95	0.95	1.00	0.93
Ethane	Ethanol	0.87	0.38	0.77	0.85	0.59	0.49
Ethane	Ethene	0.81	0.60	1.03	1.00	0.38	0.39
Ethane	H ₂ O	0.44	0.25	0.23	0.79	0.29	0.24
Ethane	Methane	1.00	0.85	0.96	0.98	1.00	0.92
Ethane	Methanol	0.76	0.36	0.82	0.80	0.91	0.54
Ethane	Methyl Amine	0.72	0.45	0.95	0.83	0.47	0.40
Ethane	NH ₃	0.50	0.32	0.43	0.78	0.58	0.35
Ethanol	Ethanol	0.78	0.32	0.96	0.69	0.56	0.47
Ethanol	Ethene	0.85	0.43	1.05	0.85	0.24	0.45
Ethanol	H ₂ O	0.42	0.19	0.70	0.64	0.21	0.20
Ethanol	Methane	0.82	0.86	0.88	0.71	0.52	0.68
Ethanol	Methanol	0.76	0.34	1.03	0.65	0.66	0.56
Ethanol	Methyl Amine	0.70	0.32	0.97	0.58	0.41	0.40
Ethanol	NH ₃	0.46	0.26	0.98	0.57	0.47	0.28
Ethene	Ethene	0.70	0.69	1.00	1.00	0.13	0.24
Ethene	H ₂ O	0.48	0.42	0.43	0.86	0.12	0.25
Ethene	Methane	0.70	0.88	1.07	1.01	0.26	0.44
Ethene	Methanol	0.69	0.38	0.90	0.92	0.27	0.51
Ethene	Methyl Amine	0.64	0.39	0.76	0.84	0.22	0.34
Ethene	NH ₃	0.42	0.42	0.73	0.70	0.36	0.32
H ₂ O	H ₂ O	0.20	0.08	0.59	0.53	0.12	0.09
H ₂ O	Methane	0.33	0.69	0.29	0.46	0.13	0.29
H ₂ O	Methanol	0.38	0.21	0.60	0.82	0.38	0.28
H ₂ O	Methyl Amine	0.39	0.26	0.59	0.51	0.24	0.24
H ₂ O	NH ₃	0.30	0.16	0.69	0.60	0.14	0.19
Methane	Methane	1.00	1.07	1.01	0.99	1.00	1.06
Methane	Methanol	0.66	0.81	0.96	0.56	0.87	0.86
Methane	Methyl Amine	0.61	0.60	1.21	0.59	0.37	0.43
Methane	NH ₃	0.42	0.70	0.57	0.67	0.39	0.66
Methanol	Methanol	0.55	0.33	0.90	0.49	1.00	0.42
Methanol	Methyl Amine	0.62	0.30	1.10	0.69	0.48	0.51
Methanol	NH ₃	0.42	0.30	0.98	0.71	0.55	0.38
Methyl Amine	Methyl Amine	0.59	0.34	0.95	0.45	0.34	0.42
Methyl Amine	NH ₃	0.42	0.32	0.90	0.46	0.34	0.33
NH ₃	NH ₃	0.32	0.19	1.11	0.35	0.41	0.17