

In Organic Salts Solubility Table

A

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Actinium (III) hydroxide	Ac(OH) ₃		0.0021				
Aluminium chloride	AlCl ₃	43.9	45.8	47.3	48.1	48.6	49.0
Aluminium fluoride	AlF ₃	0.56	0.67	0.91	1.1	1.32	1.72
Aluminium hydroxide	Al(OH) ₃		0.0001				
Aluminium nitrate	Al(NO ₃) ₃	60	73.9	88.7	106	132	160
Aluminium perchlorate	Al(ClO ₄) ₃	122	133				
Aluminium sulfate	Al ₂ (SO ₄) ₃	31.2	36.4	45.8	59.2	73	89.0
Ammonia (Unit:mL/mL)	NH ₃	1176	702	428	252	138	88
Ammonium acetate	NH ₄ C ₂ H ₃ O ₂	102	143	204	311	533	
Ammonium azide	NH ₄ N ₃	16	25.3	37.1			
Ammonium benzoate	NH ₄ C ₇ H ₅ O ₂		21.3				83
Ammonium bicarbonate	NH ₄ HCO ₃	11.9	21.7	36.6	59.2	109	
Ammonium bromide	NH ₄ Br	60.6	76.4	91.2	108	125	145
Ammonium carbonate	(NH ₄) ₂ CO ₃ .H ₂ O	55.8	10		dec		
Ammonium chlorate	NH ₄ ClO ₃		28.7				
Ammonium chloride	NH ₄ Cl	29.4	37.2	45.8	55.3	65.6	77.3
Ammonium hexa chloro platinate	(NH ₄) ₂ PtCl ₆	0.289	0.499	0.815	1.44	2.16	3.36
Ammonium chromate	(NH ₄) ₂ CrO ₄	25	34	45.3	59.0	76.1	
Ammonium di chromate	(NH ₄) ₂ Cr ₂ O ₇	18.2	35.6	58.5	86.0	115	156

Ammonium di hydrogen arsenate	$\text{NH}_4\text{H}_2\text{AsO}_4$	33.7	48.7	63.8	83	107	
Ammonium di hydrogen phosphate	$\text{NH}_4\text{H}_2\text{PO}_4$	22.7	37.4	56.7	82.5	118.3	173.2
Ammonium fluoride	NH_4F	100					
Ammonium fluorosilicate	$(\text{NH}_4)_2\text{SiF}_6$	12.28	18.6	31.6	40.4	75°C:48.1	61.0
Ammonium formate	NH_4HCO_2	102	143	204	311	533	
Ammonium hydrogen phosphate	$(\text{NH}_4)_2\text{HPO}_4$	42.9	68.9	81.8	97.2	110	121
Ammonium hydrogen sulfate	NH_4HSO_4		100				
Ammonium hydrogen tartrate	$\text{NH}_4\text{HC}_4\text{H}_4\text{O}_6$		2.7				
Ammonium iodate	NH_4IO_3						14.5
Ammonium iodide	NH_4I	155	172	191	209	229	250
Ammonium nitrate	NH_4NO_3	118	192	297	421	580	871
Ammonium ortho periodate	$(\text{NH}_4)_5\text{IO}_6$		2.7				
Ammonium oxalate	$(\text{NH}_4)_2\text{C}_2\text{O}_4$	2.2	4.45	8.18	14.0	22.4	34.7
Ammonium perchlorate	NH_4ClO_4	11.56	20.85	30.58	39.05	48.19	57.01
Ammonium permanganate	NH_4MnO_4					dec	
Ammonium phosphate	$(\text{NH}_4)_3\text{PO}_4$	9.40	20.3				
Ammonium selenate	$(\text{NH}_4)_2\text{SeO}_4$	96	115	143	192		
Ammonium sulfate	$(\text{NH}_4)_2\text{SO}_4$	70.6	75.4	81.2	87.4	94.1	103
Ammonium aluminum sulfate	$\text{NH}_4\text{Al}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$	2.4	7.4	14.6	26.7	53.9	121
Ammonium sulfite	$(\text{NH}_4)_2\text{SO}_3$	47.9	60.8	78.4	104	144	153
Ammonium tartrate	$(\text{NH}_4)_2\text{C}_4\text{H}_4\text{O}_6$	45	63	76.5	86.9		
Ammonium thio cyanate	NH_4SCN	120	170	234	346		
Ammonium thiosulfate	$(\text{NH}_4)_2\text{S}_2\text{O}_3$		173	205		269	
Ammonium vanadate	NH_4VO_3		0.48	1.32	2.42		7.0

Aniline	C_6H_7N		3.6					
Antimony tri fluoride	SbF_3	385	444	dec				
Antimony sulfide	Sb_2S_3		0.00018					
Antimony tri chloride	$SbCl_3$	602	910	1370	4531			
Argon (Unit:mL / mL)	Ar	0.056	0.0336	0.0252				
Arsenic penta sulfide	As_2S_5	0.0014						
Arsenic pentoxide	As_2O_5	59.5	65.8	71.2	73.0	75.1	76.7	
Arsenious sulfide	As_2S_3		0.0004					
Arsenic trioxide	As_2O_3	1.21	1.80	2.93	4.44	5.89	9	
Arsine (Unit:mL/mL)	AsH_3		0.2					

B

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Barium arsenate	$Ba_3(AsO_4)_2$		2.586				
Barium azide	$Ba(N_3)_2$	12.5	17.4				
Barium bromate mono hydrate	$Ba(BrO_3)_2.H_2O$	0.29	0.65	1.31	2.27	3.65	5.71
Barium bromide	$BaBr_2$	98	104	114	123	135	149
Barium carbonate	$BaCO_3$		0.00140				
Barium chlorate	$Ba(ClO_3)_2$	20.3	33.9	49.7	66.7	84.8	105
Barium chloride	$BaCl_2$	31.2	35.8	40.8	46.2	52.5	59.4
Barium chlorite	$Ba(ClO_2)_2$	43.9	45.4	47.9	53.8	66.6	80.8
Barium chromate	$BaCrO_4$		0.00027				
Barium cyanide	$Ba(CN)_2$		80				
Barium ferro cyanide	$Ba_2Fe(CN)_6$		0.00973				

			2				
Barium fluoride	BaF ₂		0.16				
Barium fluorosilicate	BaSiF ₆		0.028				
Barium formate	Ba(HCO ₂) ₂	26.2	31.9			47.6	
Barium hydrogen phosphate	BaHPO ₄		0.013				
Barium hydrogen phosphite	BaHPO ₃		0.687				
Barium hydroxide	Ba(OH) ₂ .8H ₂ O	1.67	3.89	8.22	20.9	101	
Barium iodate	Ba(IO ₃) ₂		0.035	0.057			0.2
Barium iodide	BaI ₂	182	223		264		301
Barium molybdate	BaMoO ₄		0.006				
Barium nitrate	Ba(NO ₃) ₂	4.95	9.02	14.1	20.4	27.2	34.4
Barium nitrite	Ba(NO ₂) ₂	50.3	72.8	102	151	222	325
Barium oxalate	BaC ₂ O ₄ .2H ₂ O		0.003				
Barium oxide	BaO		3.48				
Barium perchlorate	Ba(ClO ₄) ₂	239	336	416	495	575	653
Barium permanganate	Ba(MnO ₄) ₂		0.015				
Barium pyrophosphate	Ba ₂ P ₂ O ₇		0.009				
Barium selenate	BaSeO ₄		0.005				
Barium sulfate	BaSO ₄		0.00024				
Barium sulfide	BaS	2.88	7.86	14.9	27.7	49.9	60.3
Beryllium carbonate	BeCO ₃		0.218				
Beryllium chloride	BeCl ₂		42				
Beryllium molybdate	BeMoO ₄		3.02				
Beryllium nitrate	Be(NO ₃) ₂	97	108	125	178		

Beryllium oxalate	$\text{BeC}_2\text{O}_4 \cdot 3\text{H}_2\text{O}$		63.5					
Beryllium perchlorate	$\text{Be}(\text{ClO}_4)_2$		147					
Beryllium selenate	$\text{BeSeO}_4 \cdot 4\text{H}_2\text{O}$		49					
Beryllium sulfate	BeSO_4	37	39.1	45.8	53.1	67.2	82.8	
Bismuth arsenate	BiAsO_4		0.00072					
Bismuth hydroxide	$\text{Bi}(\text{OH})_3$		2.868					
Bismuth iodide	BiI_3		0.00077					
Bismuth phosphate	BiPO_4		1.096					
Bismuth sulfide	Bi_2S_3		1.561					
Boric acid	H_3BO_3	2.52	4.72	8.08	12.97	19.10	27.53	
Boron trioxide	B_2O_3		2.2					
Bromine monochloride	BrCl		1.5					

C

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Cadmium arsenate	$\text{Cd}_3(\text{AsO}_4)_2$		0.00007				
Cadmium benzoate	$\text{Cd}(\text{C}_7\text{H}_5\text{O}_2)_2$		2.81				
Cadmium bromate	$\text{Cd}(\text{BrO}_3)_2$		125				
Cadmium bromide	CdBr_2	56.3	98.8	152	153	156	160
Cadmium carbonate	CdCO_3		0.00003				
Cadmium chlorate	$\text{Cd}(\text{ClO}_3)_2$	299	322	376	455		
Cadmium chloride	CdCl_2	100	135	135	136	140	147
Cadmium cyanide	$\text{Cd}(\text{CN})_2$		0.022				
Cadmium ferro cyanide	$\text{Cd}_2\text{Fe}(\text{CN})_6$		0.00008				

			736				
Cadmium fluoride	CdF_2		4				
Cadmium formate	$\text{Cd}(\text{HCO}_2)_2$	8.3	14.4	25.3	59.5	80.5	94.6
Cadmium hydroxide	$\text{Cd}(\text{OH})_2$		0.00026				
Cadmium iodate	$\text{Cd}(\text{IO}_3)_2$		0.097				
Cadmium iodide	CdI_2	78.7	84.7	92.1	100	111	125
Cadmium nitrate	$\text{Cd}(\text{NO}_3)_2$	122	136	194	310	713	
Cadmium oxalate	$\text{CdC}_2\text{O}_4 \cdot 3\text{H}_2\text{O}$		0.00604				
Cadmium perchlorate	$\text{Cd}(\text{ClO}_4)_2$		188	203	221	243	272
Cadmium phosphate	$\text{Cd}_3(\text{PO}_4)_2$		6.23				
Cadmium selenate	CdSeO_4	72.5	64	55	44.2	32.5	22
Cadmium sulfate	CdSO_4	75.4	76.6	78.5	81.8	66.7	60.8
Cadmium sulfide	CdS		1.292				
Cadmium tungstate	CdWO_4		0.04642				
Caesium acetate	$\text{CsC}_2\text{H}_3\text{O}_2$		1010				
Caesium azide	CsN_3		307				
Caesium bromate	CsBrO_3	0.21	3.66	5.3			
Caesium bromide	CsBr		108				
Caesium chlorate	CsClO_3		6.2	13.8	26.2	45	79
Caesium chloride	CsCl	146	187	208	230	250	271
Caesium chromate	Cs_2CrO_4						
Caesium fluoride	CsF		322				
Caesium fluoroborate	CsBF_4		0.818				
Caesium formate	CsHCO_2	335	450				

Caesium iodate	CsIO ₃		2.6				
Caesium iodide	CsI	44.1	76.5	124	150	190	
Caesium nitrate	CsNO ₃	9.33	23	47.2	83.8	134	197
Caesium oxalate	Cs ₂ C ₂ O ₄		313				
Caesium perchlorate	CsClO ₄	0.8	1.6	4	7.3	14.4	30
Caesium permanganate	CsMnO ₄		0.228				
Caesium selenate	Cs ₂ SeO ₄						
Caesium sulfate	Cs ₂ SO ₄	167	179	190	200	210	200
Calcium acetate	Ca(C ₂ H ₃ O ₂) ₂ .2H ₂ O	37.4	34.7	33.2	32.7	33.5	29.7
Calcium arsenate	Ca ₃ (AsO ₄) ₂		0.00362				
Calcium azide	Ca(N ₃) ₂		45				
Calcium benzoate	Ca(C ₇ H ₅ O ₂) ₂ .3H ₂ O	2.32	2.72	3.42	4.71	6.87	8.7
Calcium bicarbonate	Ca(HCO ₃) ₂	16.1	16.6	17.1	17.5	17.9	18.4
Calcium bromate	Ca(BrO ₃) ₂		230				
Calcium bromide	CaBr ₂	125	143	213	278	295	312
Calcium carbonate (Aragonite)	CaCO ₃ -Aragonite		0.00077				
Calcium carbonate (Calcite)	CaCO ₃ -Calcite		0.00061				
Calcium chlorate	Ca(ClO ₃) ₂		209				
Calcium chloride	CaCl ₂	59.5	74.5	128	137	147	159
Calcium chromate	CaCrO ₄	4.5	2.25	1.49	0.83		
Monocalcium phosphate	Ca(H ₂ PO ₄) ₂		1.8				
Calcium fluoride	CaF ₂		0.00857				
Calcium fluorosilicate	CaSiF ₆		0.518				
Calcium formate	Ca(HCO ₂) ₂	16.1	16.6	17.1	17.5	17.9	18.4

Dicalcium phosphate	CaHPO_4		0.00430					
Calcium hydroxide	Ca(OH)_2	0.189	0.173	0.141	0.121	0.086		
Calcium iodate	$\text{Ca(IO}_3)_2$	0.09	0.24	0.52	0.65	0.66	0.67	
Calcium iodide	CaI_2	64.6	66	70.8	74	78	81	
Calcium molybdate	CaMoO_4		0.00409					
Calcium nitrate	$\text{Ca(NO}_3)_2$		121.2					
Calcium nitrate tetra hydrate	$\text{Ca(NO}_3)_2 \cdot 4\text{H}_2\text{O}$	102	129	191		358	363	
Calcium nitrite	$\text{Ca(NO}_2)_2 \cdot 4\text{H}_2\text{O}$	63.9	84.5		134	151	178	
Calcium oxalate	CaC_2O_4		0.00067					
Calcium oxide	CaO						5.7	
Calcium perchlorate	$\text{Ca(ClO}_4)_2$		188					
Calcium permanganate	$\text{Ca(MnO}_4)_2$		338					
Calcium phosphate	$\text{Ca}_3(\text{PO}_4)_2$		0.002					
Calcium selenate	$\text{CaSeO}_4 \cdot 2\text{H}_2\text{O}$	9.73	9.22	7.14				
Calcium sulfate	$\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$	0.223	0.255	0.265	0.244	0.234	0.205	
Calcium tungstate	CaWO_4		0.00238					
Carbon dioxide	CO_2		0.1782					
Carbon monoxide	CO		0.0026					
Cerium(III) acetate	$\text{Ce(C}_2\text{H}_3\text{O}_2)_3$		0.35					
Cerium(III) chloride	CeCl_3		100					
Cerium(III) hydroxide	Ce(OH)_3		0.00009					
Cerium(III) iodate	$\text{Ce(IO}_3)_3$		0.123					
Cerium(III) nitrate	$\text{Ce(NO}_3)_3$		234					
Cerium(III) phosphate	CePO_4		7.43					

Cerium(III) selenate	$\text{Ce}_2(\text{SeO}_4)_3$	39.5	35.2	32.6	13.7	4.6	
Cerium(III) sulfate	$\text{Ce}_2(\text{SO}_4)_3 \cdot 2\text{H}_2\text{O}$	21.4	9.84	5.63	3.87		
Cerium(IV) hydroxide	$\text{Ce}(\text{OH})_4$		1.981				
Chromium(III) nitrate	$\text{Cr}(\text{NO}_3)_3$	108	130				
Chromium(III) perchlorate	$\text{Cr}(\text{ClO}_4)_3$	104	130				
Chromium(III) sulfate	$\text{Cr}_2(\text{SO}_4)_3 \cdot 18\text{H}_2\text{O}$		220				
Chromium(VI) oxide	CrO_3	61.7	63				
Cobalt(II) bromate	$\text{Co}(\text{BrO}_3)_2 \cdot 6\text{H}_2\text{O}$		45.5				
Cobalt(II) bromide	CoBr_2	91.9	112	163	227	241	257
Cobalt(II) chlorate	$\text{Co}(\text{ClO}_3)_2$	135	180	214	316		
Cobalt(II) chloride	CoCl_2	43.5	52.9	69.5	93.8	97.6	106
Cobalt(II) fluoride	CoF_2		1.36				
Cobalt(II) fluorosilicate	$\text{CoSiF}_6 \cdot 6\text{H}_2\text{O}$		118				
Cobalt(II) iodate	$\text{Co}(\text{IO}_3)_2 \cdot 2\text{H}_2\text{O}$		1.02	0.88	0.82	0.73	0.7
Cobalt(II) iodide	CoI_2		203				
Cobalt(II) nitrate	$\text{Co}(\text{NO}_3)_2$	84	97.4	125	174	204	
Cobalt(II) nitrite	$\text{Co}(\text{NO}_2)_2$	0.076	0.4	0.85			
Cobalt oxalate	$\text{CoC}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$		2.6972				
Cobalt(II) perchlorate	$\text{Co}(\text{ClO}_4)_2$		104				
Cobalt(II) sulfate	CoSO_4	25.5	36.1	48.8	55	53.8	38.9
Copper(I) chloride	CuCl		0.0099				
Copper(I) cyanide	CuCN		1.602				
Copper(I) hydroxide	CuOH		8.055				
Copper(I) iodide	CuI		0.00001				

			997				
Copper(I) sulfide	Cu_2S		1.361				
Copper(I) thio cyanate	CuSCN		8.427				
Copper(II) bromide	CuBr_2	107	126	131			
Copper(II) carbonate	CuCO_3		0.00014				
Copper(II) chlorate	$\text{Cu}(\text{ClO}_3)_2$		242				
Copper(II) chloride	CuCl_2	68.6	73	87.6	96.5	104	120
Copper(II) chromate	CuCrO_4		0.03407				
Copper(II) fluoride	CuF_2		0.075				
Copper(II) fluorosilicate	CuSiF_6	73.5	81.6	91.2		93.2	
Copper(II) formate	$\text{Cu}(\text{HCO}_2)_2$		12.5				
Copper(II) hydroxide	$\text{Cu}(\text{OH})_2$		0.00001				
Copper(II) iodate	$\text{Cu}(\text{IO}_3)_2 \cdot 2\text{H}_2\text{O}$		0.109				
Copper(II) nitrate	$\text{Cu}(\text{NO}_3)_2$	83.5	125	163	182	208	247
Copper oxalate	$\text{CuC}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$		2.1627				
Copper(II) perchlorate	$\text{Cu}(\text{ClO}_4)_2$						
Copper(II) selenate	CuSeO_4	12	17.5	25.2	36.5	53.7	
Copper(II) selenite	CuSeO_3		0.00276				
Copper(II) sulfate	$\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$	23.1	32	44.6	61.8	83.8	114
Copper(II) sulfide	CuS		2.41				

D

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Dysprosium(III) chromate	$\text{Dy}_2(\text{CrO}_4)_3 \cdot 10\text{H}_2\text{O}$		0.663				

E

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Erbium(III) sulfate	$\text{Er}_2(\text{SO}_4)_3$		13.79				
Erbium(III) sulfate octahydrate	$\text{Er}_2(\text{SO}_4)_3 \cdot 8\text{H}_2\text{O}$		16.00	6.53			
Europium(III) hydroxide	$\text{Eu}(\text{OH})_3$		0.00001				
Europium(III) sulfate	$\text{Eu}_2(\text{SO}_4)_3 \cdot 8\text{H}_2\text{O}$		2.56				

F

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Fructose	$\text{C}_6\text{H}_{12}\text{O}_6$		375.0	538.0			
Gadolinium(III) acetate	$\text{Gd}(\text{C}_2\text{H}_3\text{O}_2)_3 \cdot 4\text{H}_2\text{O}$		11.6				
Gadolinium(III) bicarbonate	$\text{Gd}(\text{HCO}_3)_3$		5.61				
Gadolinium(III) bromate	$\text{Gd}(\text{BrO}_3)_3 \cdot 9\text{H}_2\text{O}$	50.2	95.6	166			
Gadolinium(III) hydroxide	$\text{Gd}(\text{OH})_3$		0.00001				
Gadolinium(III) sulfate	$\text{Gd}_2(\text{SO}_4)_3$	3.98	2.6				
D-Galactose	$\text{C}_6\text{H}_{12}\text{O}_6$		10.3				68.3
Gallium hydroxide	$\text{Ga}(\text{OH})_3$		8.616				
Gallium oxalate	$\text{Ga}_2(\text{C}_2\text{O}_4)_3 \cdot 4\text{H}_2\text{O}$		0.4				
Gallium selenate	$\text{Ga}_2(\text{SeO}_4)_3 \cdot 16\text{H}_2\text{O}$		18.1				
Gallium hydroxide	$\text{Ga}(\text{OH})_3$		8.616				
Gallium oxalate	$\text{Ga}_2(\text{C}_2\text{O}_4)_3 \cdot 4\text{H}_2\text{O}$		0.4				
Gallium selenate	$\text{Ga}_2(\text{SeO}_4)_3 \cdot 16\text{H}_2\text{O}$		18.1				
D-Glucose	$\text{C}_6\text{H}_{12}\text{O}_6$		49				

Gold(III) chloride	AuCl_3	68
Gold(V) oxalate	$\text{Au}_2(\text{C}_2\text{O}_4)_5$	0.258

H

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Hafnium (III) hydroxide	$\text{Hf}(\text{OH})_3$		0.00045				
Hafnium (IV) hydroxide	$\text{Hf}(\text{OH})_4$		0.00004				
Helium	He		0.6				
Holmium (III) hydroxide	$\text{Ho}(\text{OH})_3$		0.00002				
Holmium (III) sulfate	$\text{Ho}_2(\text{SO}_4)_3 \cdot 8\text{H}_2\text{O}$		8.18	4.52			
Hydrogen chloride	HCl	81	70	61	53	47	40
Hydrogen sulfide	H_2S		0.33				

I

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Indium(III) bromide	InBr_3		571				
Indium(III) chloride	InCl_3		212				
Indium(III) fluoride	InF_3		11.2				
Indium(III) hydroxide	$\text{In}(\text{OH})_3$		3.645				
Indium(III) iodate	$\text{In}(\text{IO}_3)_3$		0.067				
Indium(III) sulfide	In_2S_3		2.867				
Iron(II) bromide	FeBr_2	101	117	133	144	168	184
Iron(II) carbonate	FeCO_3		0.00006				

Iron (II) chloride	FeCl ₂	49.7	62.5	70	78.3	88.7	94.9
Iron (II) fluorosilicate	FeSiF ₆ .6H ₂ O	72.1			84	88	100
Iron (II) hydroxide	Fe(OH) ₂		0.00005				
Iron (II) nitrate	Fe(NO ₃) ₂ .6H ₂ O	113					
Iron (II) oxalate	FeC ₂ O ₄ .2H ₂ O		0.008				
Iron (II) perchlorate	Fe(ClO ₄) ₂ .6H ₂ O		299				
Iron (II) sulfate	FeSO ₄ .7H ₂ O		28.8	40	60		79.9
Iron (III) arsenate	FeAsO ₄		1.47				
Iron (III) chloride	FeCl ₃ .6H ₂ O	74.4	91.8				
Iron (III) fluoride	FeF ₃		0.091				
Iron (III) hydroxide	Fe(OH) ₃		2.09				
Iron (III) iodate	Fe(IO ₃) ₃		0.36				
Iron (III) nitrate	Fe(NO ₃) ₃ .9H ₂ O	112	138	175			
Iron (III) perchlorate	Fe(ClO ₄) ₃	289	368	478	772		
Iron (III) sulfate	Fe ₂ (SO ₄) ₃ .9H ₂ O		440				

L

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Lactose	C ₁₂ H ₂₂ O ₁₁		8				
Lanthanum (III) acetate	La(C ₂ H ₃ O ₂) ₃ .H ₂ O		16.9				
Lanthanum (III) bromate	La(BrO ₃) ₃	98	149				
Lanthanum (III) iodate	La(IO ₃) ₃		0.04575				
Lanthanum (III) molybdate	La ₂ (MoO ₄) ₃		0.00247				
Lanthanum (III) nitrate	La(NO ₃) ₃	100	136	168	247		

Lanthanum (III) selenate	$\text{La}_2(\text{SeO}_4)_3$	50.5	45	45	18.5	5.4	
Lanthanum (III) sulfate	$\text{La}_2(\text{SO}_4)_3$	3	2.33	1.67	1.26	0.91	0.68
Lanthanum (III) tungstate	$\text{La}_2(\text{WO}_4)_3 \cdot 3\text{H}_2\text{O}$		6.06				
Lead (II) acetate	$\text{Pb}(\text{C}_2\text{H}_3\text{O}_2)_2$	19.8	44.3	116			
Lead (II) azide	$\text{Pb}(\text{N}_3)_2$		0.0249				
Lead (II) bromate	$\text{Pb}(\text{BrO}_3)_2$		7.92				
Lead (II) bromide	PbBr_2	0.45	0.86	1.5	2.29	3.32	4.55
Lead (II) carbonate	PbCO_3		0.00007				
Lead (II) chlorate	$\text{Pb}(\text{ClO}_3)_2$		144				
Lead (II) chloride	PbCl_2	0.67	1	1.42	1.94	2.54	3.2
Lead (II) chromate	PbCrO_4		0.00001				
Lead (II) ferro cyanide	$\text{PbFe}(\text{CN})_6$		0.00059				
Lead (II) fluoride	PbF_2		0.04634				
Lead (II) fluorosilicate	PbSiF_6	190	222		403	428	463
Lead (II) hydrogen phosphate	PbHPO_4		0.00034				
Lead (II) hydrogen phosphite	PbHPO_3		0.02187				
Lead (II) hydroxide	$\text{Pb}(\text{OH})_2$		0.00016				
Lead (II) iodate	$\text{Pb}(\text{IO}_3)_2$		0.0024				
Lead (II) iodide	PbI_2	0.044	0.069	0.124	0.193	0.294	0.42
Lead (II) molybdate	PbMoO_4		0.00001				
Lead (II) nitrate	$\text{Pb}(\text{NO}_3)_2$	37.5	54.3	72.1	91.6	111	133
Lead (II) oxalate	PbC_2O_4		0.00064				
Lead (II) perchlorate	$\text{Pb}(\text{ClO}_4)_2 \cdot 3\text{H}_2\text{O}$		440				
Lead (II) selenate	PbSeO_4		0.0131				

Lead (II) sulfate	PbSO ₄	0.0038					
Lead (II) sulfide	PbS	6.767					
Lead (II) tartrate	PbC ₄ H ₄ O ₆	0.0025					
Lead (II) thiocyanate	Pb(SCN) ₂	0.553					
Lead (II) thiosulfate	PbS ₂ O ₃	0.0202					
Lead (II) tungstate	PbWO ₄	0.02838					
Lead (IV) hydroxide	Pb(OH) ₄	7.229					
Lithium acetate	LiC ₂ H ₃ O ₂	31.2	40.8	68.6			
Lithium azide	LiN ₃	61.3	67.2	75.4	86.6		100
Lithium benzoate	LiC ₇ H ₅ O ₂	38.9	44.7				
Lithium bicarbonate	LiHCO ₃		5.74				
Lithium bromate	LiBrO ₃	154	179	221	269	308	355
Lithium bromide	LiBr	143	160	211	223	245	266
Lithium carbonate	Li ₂ CO ₃	1.54	1.33	1.17	1.01	0.85	0.72
Lithium chlorate	LiClO ₃	241	372	604	777		
Lithium chloride	LiCl	69.2	83.5	89.8	98.4	112	128
Lithium chromate	Li ₂ CrO ₄ .2H ₂ O		142				
Lithium dichromate	Li ₂ Cr ₂ O ₇ .2H ₂ O						
Lithium dihydrogen phosphate	LiH ₂ PO ₄	126					
Lithium fluoride	LiF		0.27				
Lithium fluorosilicate	Li ₂ SiF ₆ .2H ₂ O		73				
Lithium formate	LiHCO ₂	32.3	39.3	49.5	64.7	92.7	138
Lithium hydrogen phosphite	Li ₂ HPO ₃	4.43		7.61	7.11		6.03
Lithium hydroxide	LiOH	12.7	12.8	13.0	13.8	15.3	17.5

Lithium iodide	Li I	151	165	179	202	435	481
Lithium molybdate	Li ₂ MoO ₄	82.6	79.5	78			73.9
Lithium nitrate	LiNO ₃	53.4	70.1	152	175		
Lithium nitrite	LiNO ₂	70.9	96.8	133	177	233	324
Lithium oxalate	Li ₂ C ₂ O ₄		8				
Lithium perchlorate	LiClO ₄	42.7	56.1	72.3	92.3	128	
Lithium permanganate	LiMnO ₄		71.4				
Lithium phosphate	Li ₃ PO ₄		0.039				
Lithium selenide	Li ₂ Se		57.7				
Lithium selenite	Li ₂ SeO ₃	25	21.5	17.9	14.7	11.9	9.9
Lithium sulfate	Li ₂ SO ₄	36.1	34.8	33.7	32.6	31.4	
Lithium tartrate	Li ₂ C ₄ H ₄ O ₆	42	27.1	27.2	29.5		
Lithium thiocyanate	LiSCN		114	153			
Lithium vanadate	LiVO ₃	2.5	4.82	4.38	2.67		
Lutetium(III) hydroxide	Lu(OH) ₃		0.00001				
Lutetium(III) sulfate	Lu ₂ (SO ₄) ₃ .8H ₂ O		57.9				

M

Substance	Formula	0 °C	30 °C	40 °C	60 °C	80 °C	100 °C
Magnesium acetate	Mg(C ₂ H ₃ O ₂) ₂	56.7	68.6	75.7	118		
Magnesium benzoate	Mg(C ₇ H ₅ O ₂) ₂ .H ₂ O			5			
Magnesium bromate	Mg(BrO ₃) ₂ .6H ₂ O			58			
Magnesium bromide	MgBr ₂	98	104	106	112		125
Magnesium carbonate	MgCO ₃						

Magnesium chlorate	Mg(ClO ₃) ₂	114	155	178	242		
Magnesium chloride	MgCl ₂	52.9	55.8	57.5	61	66.1	73.3
Magnesium fluorosilicate	MgSiF ₆	26.3		34.9	44.4		
Magnesium formate	Mg(HCO ₂) ₂	14	14.9	15.9	17.9	20.5	22.9
Magnesium iodate	Mg(IO ₃) ₂		10	11.7	15.2	15.5	
Magnesium iodide	MgI ₂	120		173		186	
Magnesium nitrate	Mg(NO ₃) ₂	62.1	73.6	78.9	78.9	91.6	
Magnesium selenate	MgSeO ₄	20	44.3	48.6	55.8		
Magnesium sulfate	MgSO ₄	22	38.9	44.5	54.6	55.8	50.4
Manganese(II) bromide	MnBr ₂	127	157	169	197	225	228
Manganese(II) chloride	MnCl ₂	63.4	80.8	88.5	109	113	115
Manganese(II) fluoride	MnF ₂			0.67	0.44		0.48
Manganese(II) nitrate	Mn(NO ₃) ₂	102	206				
Manganese(II) oxalate	MnC ₂ O ₄ ·2H ₂ O	0.02	0.033				
Manganese(II) sulfate	MnSO ₄	52.9	62.9	60	53.6	45.6	35.3
Mercury(I) perchlorate	Hg ₂ (ClO ₄) ₂	282	455				
Mercury(II) bromide	HgBr ₂	0.3	0.66	0.91	1.68	2.77	4.9
Mercury(II) chloride	HgCl ₂	3.63	8.34	10.2	16.3	30	61.3

N

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Neodymium(III) acetate	Nd (C ₂ H ₃ O ₂) ₃ ·H ₂ O		26.2				
Neodymium(III) bromate	Nd(BrO ₃) ₃	43.9	75.6	116			
Neodymium(III) chloride	NdCl ₃		98	102	105		

Neodymium(III) molybdate	$\text{Nd}_2(\text{MoO}_4)_3$						
Neodymium(III) nitrate	$\text{Nd}(\text{NO}_3)_3$	127	142	159	211		
Neodymium(III) selenate	$\text{Nd}_2(\text{SeO}_4)_3$	45.2	41.8	39.9	43.9	7	
Neodymium(III) sulfate	$\text{Nd}_2(\text{SO}_4)_3$	13	7.1	4.1	2.8	2.2	
Nickel(II) bromate	$\text{Ni}(\text{BrO}_3)_2 \cdot 6\text{H}_2\text{O}$		28				
Nickel(II) bromide	NiBr_2	113	131	144	153	154	155
Nickel(II) carbonate	NiCO_3		0.00096				
Nickel(II) chlorate	$\text{Ni}(\text{ClO}_3)_2$	111	133	181	221	308	
Nickel(II) chloride	NiCl_2	53.4	66.8	73.2	81.2	86.6	87.6
Nickel(II) fluoride	NiF_2		2.56		2.56		
Nickel(II) hydroxide	$\text{Ni}(\text{OH})_2$		0.013				
Nickel(II) iodate	$\text{Ni}(\text{IO}_3)_2$	0.74	0.062				
Nickel(II) iodide	NiI_2	124	148	174	184	187	
Nickel(II) nitrate	$\text{Ni}(\text{NO}_3)_2$	79.2	94.2	119	158	187	
Nickel oxalate	$\text{NiC}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$		3.				
Nickel(II) perchlorate	$\text{Ni}(\text{ClO}_4)_2$	105	110	117			
Nickel(II) pyrophosphate	$\text{Ni}_2\text{P}_2\text{O}_7$		0.00101				
Nickel(II) sulfate	$\text{NiSO}_4 \cdot 6\text{H}_2\text{O}$		44.4	49.2	55.6	64.5	76.7
Nitric oxide	NO		0.0056				
Nitrous oxide	N_2O		0.112				

O

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Oxalic acid	$\text{H}_2\text{C}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$	4.96	13.3	30.1	62.1	118	

P

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Palladium(II) hydroxide	$\text{Pd}(\text{OH})_2$		4.106				
Palladium(IV) hydroxide	$\text{Pd}(\text{OH})_4$		5.247				
Phenol	$\text{C}_6\text{H}_5\text{OH}$		8.3	miscible			
Platinum(II) hydroxide	$\text{Pt}(\text{OH})_2$		3.109				
Platinum(IV) bromide	PtBr_4		1.352				
Plutonium(III) fluoride	PuF_3		0.0003				
Plutonium(IV) fluoride	PuF_4		0.0003				
Plutonium(IV) iodate	$\text{Pu}(\text{IO}_3)_4$		0.0799				
Polonium(II) sulfide	PoS		2.378				
Potassium acetate	$\text{KC}_2\text{H}_3\text{O}_2$	216	256	324	350	381	
Potassium arsenate	K_3AsO_4		19				
Potassium azide	KN_3	41.4	50.8	61			106
Potassium benzoate	$\text{KC}_7\text{H}_5\text{O}_2$		70.7	82.1			
Potassium bromate	KBrO_3	3.09	6.91	13.1	22.7	34.1	49.9
Potassium bromide	KBr	53.6	65.3	75.4	85.5	94.9	104
Potassium hexabromoplatinate	K_2PtBr_6		1.89				
Potassium carbonate	K_2CO_3	105	111	117	127	140	156

Potassium chlorate	KClO ₃	3.3	7.3	13.9	23.8	37.5	56.3
Potassium chloride	KCl	28	34.2	40.1	45.8	51.3	56.3
Potassium chromate	K ₂ CrO ₄	56.3	63.7	67.8	70.1		
Potassium cyanide	KCN		50				
Potassium dichromate	K ₂ Cr ₂ O ₇	4.7	12.3	26.3	45.6	73	
Potassium dihydrogen arsenate	KH ₂ AsO ₄		19				
Potassium dihydrogen phosphate	KH ₂ PO ₄	14.8	22.6	35.5	50.2	70.4	
Potassium ferricyanide	K ₃ Fe(CN) ₆	30.2	46	59.3	70		91
Potassium ferrocyanide	K ₄ Fe(CN) ₆	14.3	28.2	41.4	54.8	66.9	74.2
Potassium fluoride	KF	44.7	94.9	138	142	150	
Potassium formate	KHCO ₂		337	398	471	580	
Potassium hydrogen carbonate	KHCO ₃	22.5	33.7	47.5	65.6		
Potassium hydrogen phosphate	K ₂ HPO ₄		150				
Potassium hydrogen sulfate	KHSO ₄	36.2	48.6	61	76.4	96.1	122
Potassium hydrogen tartrate	KHC ₄ H ₄ O ₆		0.6				6,2
Potassium hydroxide	KOH	95.7	112	134	154		178
Potassium iodate	KIO ₃	4.6	8.08	12.6	18.3	24.8	32.3
Potassium iodide	KI	128	144	162	176	192	206
Potassium nitrate	KNO ₃	22.4	47	77	103.4	124.6	141
Potassium nitrite	KNO ₂	279	306	329	348	376	410
Potassium oxalate	K ₂ C ₂ O ₄	25.5	36.4	43.8	53.2	63.6	75.3
Potassium perchlorate	KClO ₄	0.76	1.68	3.73	7.3	13.4	22.3
Potassium periodate	KIO ₄	0.17	0.42	1	2.1	4.4	
Potassium permanganate	KMnO ₄	2.83	6.34	12.6	22.1		

Potassium persulfate	$K_2S_2O_8$		4.7					
Potassium phosphate	K_3PO_4		92.3	133				
Potassium selenate	K_2SeO_4	107	111	115	119	121	122	
Potassium sulfate	K_2SO_4	7.4	11.1	14.8	18.2	21.4	24.1	
Potassium tetrphenylborate	$KBC_{24}H_{20}$		0.0001					
Potassium thiocyanate	$KSCN$	177	224	289	372	492	675	
Potassium thiosulfate	$K_2S_2O_3$	96	155	205	238	293		
Potassium tungstate	K_2WO_4		51.5					
Praseodymium(III) acetate	$Pr(C_2H_3O_2)_3 \cdot H_2O$		32					
Praseodymium(III) bromate	$Pr(BrO_3)_3$	55.9	91.8	144				
Praseodymium(III) chloride	$PrCl_3$		104					
Praseodymium(III) molybdate	$Pr_2(MoO_4)_3$		0.0015					
Praseodymium(III) nitrate	$Pr(NO_3)_3$		112	178				
Praseodymium(III) sulfate	$Pr_2(SO_4)_3$	19.8	12.6	2.56	5.04	3.5	0.91	

R

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Radium chloride	$RaCl_2$		19.6				
Radium iodate	$Ra(IO_3)_2$		0.04				
Radium nitrate	$Ra(NO_3)_2$		12				
Radium sulfate	$RaSO_4$		0.0002				
Raffinose	$C_{18}H_{32}O_{16} \cdot 5H_2O$		14				
Rubidium acetate	$RbC_2H_3O_2$				86		
Rubidium bromate	$RbBrO_3$				5.1		

Rubidium bromide	RbBr	90	108	132	158		
Rubidium chlorate	RbClO ₃	2.1	5.4	11.6	22	38	63
Rubidium chloride	RbCl	77	91	104	115	127	143
Rubidium chromate	Rb ₂ CrO ₄	62	73.6	85.6	95.7		
Rubidium dichromate	Rb ₂ Cr ₂ O ₇		5.9	15.2	32.3		
Rubidium fluoride	RbF		300				
Rubidium fluorosilicate	Rb ₂ SiF ₆		0.157				
Rubidium formate	RbHCO ₂		554	694	900		
Rubidium hydrogen carbonate	RbHCO ₃		110				
Rubidium hydroxide	RbOH		180				
Rubidium iodate	RbIO ₃		1.96				
Rubidium iodide	RbI		144				
Rubidium nitrate	RbNO ₃	19.5	52.9	117	200	310	452
Rubidium perchlorate	RbClO ₄	1.09	1.55	3.26	6.27	11	22
Rubidium periodate	RbIO ₄		0.648				
Rubidium selenate	Rb ₂ SeO ₄		159				
Rubidium sulfate	Rb ₂ SO ₄	37.5	48.1	58.5	67.5	75.1	81.8

S

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Samarium acetate	Sm(C ₂ H ₃ O ₂) ₃ ·3H ₂ O		15				
Samarium bromate	Sm(BrO ₃) ₃	34.2	62.5	98.5			
Samarium chloride	SmCl ₃		93.4	96.9			
Samarium sulfate	Sm ₂ (SO ₄) ₃ ·8H ₂ O		2.7				

Scandium oxalate	$\text{Sc}_2(\text{C}_2\text{O}_4)_3 \cdot 6\text{H}_2\text{O}$		0.006				
Scandium sulfate	$\text{Sc}_2(\text{SO}_4)_3 \cdot 5\text{H}_2\text{O}$		54.6				
Silicon dioxide	SiO_2		0.012				
Silver acetate	$\text{AgC}_2\text{H}_3\text{O}_2$	0.73	1.05	1.43	1.93	2.59	
Silver azide	AgN_3		0.00079				
Silver bromate	AgBrO_3		0.16	0.32	0.57	0.94	
Silver bromide	AgBr		0.00001				
Silver carbonate	Ag_2CO_3		0.00348				
Silver chlorate	AgClO_3		15.3	26.8			
Silver chloride	AgCl		0.00019				
Silver chlorite	AgClO_2		0.248				
Silver chromate	Ag_2CrO_4		0.00215				
Silver cyanide	AgCN		1.467				
Silver dichromate	$\text{Ag}_2\text{Cr}_2\text{O}_7$		0.159				
Silver fluoride	AgF	85.9	172	203			
Silver nitrate	AgNO_3	122	216	311	440	585	733
Silver oxalate	$\text{Ag}_2\text{C}_2\text{O}_4$.00327				
Silver oxide	Ag_2O		.0012				
Silver perchlorate	AgClO_4	455	525	635			793
Silver permanganate	AgMnO_4		0.9				
Silver sulfate	Ag_2SO_4	0.57	0.8	0.98	1.15	1.3	1.41
Silver vanadate	AgVO_3		0.0146				
Sodium acetate	$\text{NaC}_2\text{H}_3\text{O}_2$	36.2	46.4	65.6	139	153	170
Sodium azide	NaN_3	38.9	40.8				

Sodium benzoate	$\text{NaC}_7\text{H}_5\text{O}_2$		66				
Sodium bromate	NaBrO_3	24.2	36.4	48.8	62.6	75.7	90.8
Sodium bromide	NaBr	80.2	90.8	107	118	120	121
Sodium carbonate	Na_2CO_3	7	21.5	49	46	43.9	45.5
Sodium chlorate	NaClO_3	79.6	95.9	115	137	167	204
Sodium chloride	NaCl	35.65	35.89	36.37	37.04	37.93	38.99
Sodium chromate	Na_2CrO_4	31.7	84	96	115	125	126
Sodium cyanide	NaCN	40.8	58.7	dec			
Sodium dichromate	$\text{Na}_2\text{Cr}_2\text{O}_7$	163	183	215	269	376	415
Monosodium phosphate	NaH_2PO_4	56.5	86.9	133	172	211	
Sodium fluoride	NaF	3.66	4.06	4.4	4.68	4.89	5.08
Sodium formate	HCOONa	43.9	81.2	108	122	138	160
Sodium hydrogen carbonate	NaHCO_3	7	9.6	12.7	16		
Sodium hydroxide	NaOH		109	129	174		
Sodium iodate	NaIO_3	2.48	8.08	13.3	19.8	26.6	33
Sodium iodide	NaI	159	178	205	257	295	302
Sodium molybdate	Na_2MoO_4	44.1	65.3	68.6	71.8		
Sodium nitrate	NaNO_3	73	87.6	102	122	148	180
Sodium nitrite	NaNO_2	71.2	80.8	94.9	111	133	160
Sodium oxalate	$\text{Na}_2\text{C}_2\text{O}_4$	2.69	3.41	4.18	4.93	5.71	6.5
Sodium perchlorate	NaClO_4	167	201	245	288	306	329
Sodium periodate	NaIO_4	1.83	10.3	30.4			
Sodium permanganate	NaMnO_4		90				
Sodium phosphate	Na_3PO_4	4.5	12.1	20.2	20.9	60	77

Sodium pyrophosphate	$\text{Na}_4\text{P}_2\text{O}_7$	2.26					
Sodium selenate	Na_2SeO_4	13.3	26.9	81.8	78.6	74.8	72.7
Sodium sulfate	Na_2SO_4	4.9	19.5	48.8	45.3	43.7	42.5
Sodium tetra phenyl borate	$\text{NaB}(\text{C}_6\text{H}_5)_4$	47					
Sodium thiosulfate	$\text{Na}_2\text{S}_2\text{O}_3$	71.5	73	77.6		90.8	97.2
Strontium acetate	$\text{Sr}(\text{C}_2\text{H}_3\text{O}_2)_2$	37	41.1	38.3	36.8	36.1	36.4
Strontium bromate	$\text{Sr}(\text{BrO}_3)_2 \cdot \text{H}_2\text{O}$		30.9				41
Strontium bromide	SrBr_2	85.2	102	123	150	182	223
Strontium carbonate	SrCO_3		0.0011				0.065
Strontium chlorate	SrClO_3		175				
Strontium chloride	SrCl_2	43.5	52.9	65.3	81.8	90.5	101
Strontium chromate	SrCrO_4		0.085				
Strontium fluoride	SrF_2		0.0001				
Strontium formate	$\text{Sr}(\text{HCO}_2)_2$	9.1	12.7	17.8	25	31.9	34.4
Strontium hydroxide	$\text{Sr}(\text{OH})_2 \cdot 8\text{H}_2\text{O}$	0.91	1.77	3.95	8.42	20.2	91.2
Strontium iodate	$\text{Sr}(\text{IO}_3)_2$		0.19				0.35
Strontium iodide	SrI_2	165	178	192	218	270	383
Strontium molybdate	SrMoO_4		0.01107				
Strontium nitrate	$\text{Sr}(\text{NO}_3)_2$	39.5	69.5	89.4	93.4	96.9	
Strontium selenate	SrSeO_4		0.656				
Strontium sulfate	SrSO_4	0.0113	0.0132	0.0141	0.0131	0.0116	
Strontium thiosulfate	$\text{SrS}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$						
Strontium tungstate	SrWO_4		0.00039				
Sucrose	$\text{C}_{12}\text{H}_{22}\text{O}_{11}$	181.9	201.9	235.6	288.8	365.1	476.0

Sulfur dioxide SO₂ 9.4

T

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Terbium bromate	Tb(BrO ₃) ₃ .9H ₂ O	66.4	117	198			
Terbium sulfate	Tb ₂ (SO ₄) ₃ .8H ₂ O		3.56				
Thallium(I) azide	TlN ₃	0.171	0.364				
Thallium(I) bromate	TlBrO ₃		0.306				
Thallium(I) bromide	TlBr	0.022	0.048	0.097	0.117		
Thallium(I) carbonate	Tl ₂ CO ₃		5.3				
Thallium(I) chlorate	TlClO ₃	2	3.92	12.7		36.6	57.3
Thallium(I) cyanide	TlCN		16.8				
Thallium(I) fluoride	TlF		78				
Thallium(I) hydrogen carbonate	TlHCO ₃		500				
Thallium(I) hydroxide	TlOH	25.4	35	49.4	73.3	106	150
Thallium(I) iodate	TlIO ₃		0.06678				
Thallium(I) iodide	TlI	0.002	0.006	0.015	0.035	0.07	0.12
Thallium(I) nitrate	TlNO ₃	3.9	9.55	21	46.1	110	414
Thallium(I) oxalate	Tl ₂ C ₂ O ₄		1.83				
Thallium(I) perchlorate	TlClO ₄	6	13.1	28.3	50.8	81.5	
Thallium(I) phosphate	Tl ₃ PO ₄		0.15				
Thallium(I) pyrophosphate	Tl ₄ P ₂ O ₇		40				
Thallium(I) selenate	Tl ₂ SeO ₄		2.8			8.5	10.8
Thallium(I) sulfate	Tl ₂ SO ₄	2.73	4.87	7.53	11	14.6	18.4

Thallium(I) vanadate	TlVO_3	0.87					
Thorium(IV) fluoride	$\text{ThF}_4 \cdot 4\text{H}_2\text{O}$	0.914					
Thorium(IV) iodate	$\text{Th}(\text{IO}_3)_4$	0.03691					
Thorium(IV) nitrate	$\text{Th}(\text{NO}_3)_4$	186	191				
Thorium(IV) selenate	$\text{Th}(\text{SeO}_4)_2 \cdot 9\text{H}_2\text{O}$	0.65					
Thorium(IV) sulfate	$\text{Th}(\text{SO}_4)_2 \cdot 9\text{H}_2\text{O}$	0.74	1.38	3			
Tin(II) bromide	SnBr_2	85					
Tin(II) chloride	SnCl_2	84					
Tin(II) fluoride	SnF_2	30					
Tin(II) iodide	SnI_2	0.99	1.42	2.11	3.04	4.2	
Tin(II) sulfate	SnSO_4	18.9					
Trehalose	$\text{C}_{12}\text{H}_{22}\text{O}_{11}$	68.9					

U

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Uranyl acetate	$\text{UO}_2(\text{C}_2\text{H}_3\text{O}_2)_2 \cdot 2\text{H}_2\text{O}$		7.69				
Uranyl chloride	UO_2Cl_2		320				
Uranyl formate	$\text{UO}_2(\text{HCO}_2)_2 \cdot \text{H}_2\text{O}$		7.2				
Uranyl iodate	$\text{UO}_2(\text{IO}_3)_2 \cdot \text{H}_2\text{O}$		0.124				
Uranyl nitrate	$\text{UO}_2(\text{NO}_3)_2$	98	122	167	317	388	474
Uranyl oxalate	$\text{UO}_2\text{C}_2\text{O}_4$		0.5	0.8	1.22	1.94	3.16
Uranyl sulfate	$\text{UO}_2\text{SO}_4 \cdot 3\text{H}_2\text{O}$		21				
Urea	$\text{CO}(\text{NH}_2)_2$		108	167	251	400	733

V

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Vanadium(V) oxide	V_2O_5		0.8				

X

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Xenon	Xe	24.1ml	11.9ml ²⁵			7.12ml	
Xylose	$C_5H_{10}O_5$		117				

Y

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Ytterbium(III) sulfate	$Yb_2(SO_4)_3$	44.2		17.2	10.4	6.4	4.7
Yttrium(III) acetate	$Y(C_2H_3O_2)_3 \cdot 4H_2O$		9.03				
Yttrium(III) bromate	$Y(BrO_3)_3 \cdot 9H_2O$		168				
Yttrium(III) bromide	YBr_3	63.9	75.1	87.3	101	116	
Yttrium(III) chloride	YCl_3	77.3	78.8	80.8			
Yttrium(III) fluoride	YF_3		0.00576				
Yttrium(III) nitrate	$Y(NO_3)_3$	93.1	123	163	200		
Yttrium(III) sulfate	$Y_2(SO_4)_3$	8.05	7.3	6.09	4.44	2.89	

Z

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Zinc acetate	Zn(C ₂ H ₃ O ₂) ₂		30				
Zinc bromide	ZnBr ₂	389	446	591	618	645	672
Zinc carbonate	ZnCO ₃		0.00004				
Zinc chlorate	Zn(ClO ₃) ₂	145	209				
Zinc chloride	ZnCl ₂	342	395	452	488	541	614
Zinc cyanide	Zn(CN) ₂		0.058				
Zinc fluoride	ZnF ₂		1.6				
Zinc formate	Zn(HCO ₂) ₂	3.7	6.1			28.8	
Zinc iodate	Zn(IO ₃) ₂ .2H ₂ O		0.07749				
Zinc iodide	ZnI ₂	430	432	445	467	490	510
Zinc nitrate	Zn(NO ₃) ₂	98		211			
Zinc oxalate	ZnC ₂ O ₄ .2H ₂ O		1.3				
Zinc permanganate	Zn(MnO ₄) ₂		33.3				
Zinc sulfate	ZnSO ₄	41.6	53.8	70.5	75.4	71.1	60.5
Zinc sulfite	ZnSO ₃ .2H ₂ O		0.16				
Zinc tartrate	ZnC ₄ H ₄ O ₆		0.022	0.06	0.104	0.59	
Zirconium fluoride	ZrF ₄		1.32				
Zirconium sulfate	Zr(SO ₄) ₂ .4H ₂ O		52.5				