

Solubility Table Of Important Inorganic Compounds

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 dichromate	$(\text{NH}_4)_2\text{Cr}_2\text{O}_7$	18.2	35.6	58.5	86.0	115	156
Ammonium dihydrogen arsenate	$\text{NH}_4\text{H}_2\text{AsO}_4$	33.7	48.7	63.8	83	107	
Ammonium dihydrogen 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 aluminium 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 thiocyanate	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	$\text{C}_6\text{H}_7\text{N}$		3.6				
Antimony trifluoride	SbF_3	385	444	dec			
Antimony sulfide	Sb_2S_3		0.00018				
Antimony trichloride	SbCl_3	602	910	1370	4531		
Argon (Unit:mL/mL)	Ar	0.056	0.0336	0.0252			
Arsenic pentasulfide	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	8.20
Arsine (Unit:mL/mL)	AsH_3		0.2				

B

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Barium acetate	Ba(C ₂ H ₃ O ₂) ₂	58.8	72	78.5	75	74	
Barium arsenate	Ba ₃ (AsO ₄) ₂		2.586				
Barium azide	Ba(N ₃) ₂	12.5	17.4				
Barium bromate monohydrate	Ba(BrO ₃) ₂ ·H ₂ O	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		0.0014				
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		0.0002				
Barium cyanide	Ba(CN) ₂		80				
Barium ferrocyanide	Ba ₂ Fe(CN) ₆		0.0097				
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	Ba O		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		0.0002				
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	BeC ₂ O ₄ .3H ₂ O		63.5				
Beryllium perchlorate	Be(ClO ₄) ₂		147				
Beryllium selenate	BeSeO ₄ .4H ₂ O		49				
Beryllium sulfate	BeSO ₄	37	39.1	45.8	53.1	67.2	82.8

Bismuth arsenate	BiAsO_4	0.0007					
Bismuth hydroxide	Bi(OH)_3	2.868					
Bismuth iodide	BiI_3	0.0007					
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	$\text{Cd}_3(\text{AsO}_4)_2$	0.00001					
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	0.00004					
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 ferrocyanide	$\text{Cd}_2\text{Fe}(\text{CN})_6$	0.00008					

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	$\text{Cd}(\text{OH})_2$		0.00027				
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	$\text{Cd}_3(\text{PO}_4)_2$		6.235				
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	$\text{Cs}_2\text{C}_2\text{O}_4$		313				
Caesium perchlorate	CsClO_4	0.8	1.6	4	7.3	14.4	30
Caesium permanganate	CsMnO_4		0.228				
Caesium selenate	Cs_2SeO_4						
Caesium sulfate	Cs_2SO_4	167	179	190	200	210	200
Calcium acetate	$\text{Ca}(\text{C}_2\text{H}_3\text{O}_2)_2 \cdot 2\text{H}_2\text{O}$	37.4	34.7	33.2	32.7	33.5	29.7
Calcium arsenate	$\text{Ca}_3(\text{AsO}_4)_2$		0.00362				
Calcium azide	$\text{Ca}(\text{N}_3)_2$		45				
Calcium benzoate	$\text{Ca}(\text{C}_7\text{H}_5\text{O}_2)_2 \cdot 3\text{H}_2\text{O}$	2.32	2.72	3.42	4.71	6.87	8.7
Calcium bicarbonate	$\text{Ca}(\text{HCO}_3)_2$	16.1	16.6	17.1	17.5	17.9	18.4
Calcium bromate	$\text{Ca}(\text{BrO}_3)_2$		230				
Calcium bromide	CaBr_2	125	143	213	278	295	312
Calcium carbonate (Aragonite)	CaCO_3 -Aragonite		0.0007				
Calcium carbonate (Calcite)	CaCO_3 -Calcite		0.0006				
Calcium chlorate	$\text{Ca}(\text{ClO}_3)_2$		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	$\text{Ca}(\text{H}_2\text{PO}_4)_2$		1.8				
Calcium fluoride	CaF_2	0.008					
Calcium fluorosilicate	CaSiF_6		0.518				
Calcium formate	$\text{Ca}(\text{HCO}_2)_2$	16.1	16.6	17.1	17.5	17.9	18.4
Dicalcium phosphate	CaHPO_4		0.0043				
Calcium hydroxide	$\text{Ca}(\text{OH})_2$	0.189	0.173	0.141	0.121	0.086	
Calcium iodate	$\text{Ca}(\text{IO}_3)_2$	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		0.0041				
Calcium nitrate	$\text{Ca}(\text{NO}_3)_2$		121.2				
Calcium nitrate tetrahydrate	$\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$	102	129	191		358	363
Calcium nitrite	$\text{Ca}(\text{NO}_2)_2 \cdot 4\text{H}_2\text{O}$	63.9	84.5		134	151	178
Calcium oxalate	CaC_2O_4		0.0006				
Calcium oxide	CaO						5.7
Calcium perchlorate	$\text{Ca}(\text{ClO}_4)_2$		188				
Calcium permanganate	$\text{Ca}(\text{MnO}_4)_2$		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	Ce(C ₂ H ₃ O ₂) ₃	0.35					
Cerium(III) chloride	CeCl ₃	100					
Cerium(III) hydroxide	Ce(OH) ₃	0.00009					
Cerium(III) iodate	Ce(IO ₃) ₃	0.123					
Cerium(III) nitrate	Ce(NO ₃) ₃	234					
Cerium(III) phosphate	CePO ₄	7.434					
Cerium(III) selenate	Ce ₂ (SeO ₄) ₃	39.5	35.2	32.6	13.7	4.6	
Cerium(III) sulfate	Ce ₂ (SO ₄) ₃ .2H ₂ O	21.4	9.84	5.63	3.87		
Cerium(IV) hydroxide	Ce(OH) ₄	1.981					
Chromium(III) nitrate	Cr(NO ₃) ₃)	108	130				
Chromium(III) perchlorate	Cr(ClO ₄) ₃	104	130				
Chromium(III) sulfate	Cr ₂ (SO ₄) ₃ .18H ₂ O		220				
Chromium(VI) oxide	CrO ₃	61.7	63				
Cobalt(II) bromate	Co(BrO ₃) ₂ .6H ₂ O		45.5				
Cobalt(II) bromide	CoBr ₂	91.9	112	163	227	241	257
Cobalt(II) chlorate	Co(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	CoSiF ₆ .6H ₂		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		0.00002				
Copper(I) sulfide	Cu_2S		1.361				
Copper(I) thiocyanate	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		0.0341				
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	Cu(OH)_2	0.00001					
Copper(II) iodate	$\text{Cu(IO}_3)_2 \cdot 2\text{H}_2\text{O}$	0.109					
Copper(II) nitrate	$\text{Cu(NO}_3)_2$	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	$\text{Cu(ClO}_4)_2$						
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	2.4					

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) hydroxide	Er(OH) ₃		0.000013				
Erbium(III) sulfate	Er ₂ (SO ₄) ₃		13.79				
Erbium(III) sulfate octahydrate	Er ₂ (SO ₄) ₃ .8H ₂ O		16.00	6.53			
Europium(III) hydroxide	Eu(OH) ₃		0.000015				
Europium(III) sulfate	Eu ₂ (SO ₄) ₃ .8H ₂ O		2.56				

F- G

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Fructose	C ₆ H ₁₂ O ₆		375.0	538.0			
Gallium hydroxide	Ga(OH) ₃		8.616				
Gallium oxalate	Ga ₂ (C ₂ O ₄) ₃ .4H ₂ O		0.4				
Gallium selenate	Ga ₂ (SeO ₄) ₃ .16H ₂ O		18.1				
D-Glucose	C ₆ H ₁₂ O ₆		49				
Gold(III) chloride	AuCl ₃		68				
Gold(V) oxalate	Au ₂ (C ₂ O ₄) ₅		0.258				

H

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Hafnium(III) hydroxide	Hf(OH) ₃		0.00045				
Hafnium(IV) hydroxide	Hf(OH) ₄		0.000004				
Helium	He		0.6				
Holmium(III) hydroxide	Ho(OH) ₃		0.000025				
Holmium(III) sulfate	Ho ₂ (SO ₄) ₃ ·8H ₂ O		8.18	4.52			
Hydrogen chloride	HCl	81	70	61	53	47	40
Hydrogen sulfide	H ₂ S		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	In(OH) ₃		3.645				
Indium(III) iodate	In(IO ₃) ₃		0.067				
Indium(III) sulfide	In ₂ S ₃		2.867				

Iron(II) bromide	FeBr_2	101	117	133	144	168	184
Iron(II) carbonate	FeCO_3		0.0006				
Iron(II) chloride	FeCl_2	49.7	62.5	70	78.3	88.7	94.9
Iron(II) fluorosilicate	$\text{FeSiF}_6 \cdot 6\text{H}_2\text{O}$	72.1			84	88	100
Iron(II) hydroxide	Fe(OH)_2		0.00005				
Iron(II) nitrate	$\text{Fe(NO}_3)_2 \cdot 6\text{H}_2\text{O}$	113					
Iron(II) oxalate	$\text{FeC}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$		0.008				
Iron(II) perchlorate	$\text{Fe(ClO}_4)_2 \cdot 6\text{H}_2\text{O}$		299				
Iron(II) sulfate	$\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$		28.8	40	60		79.9
Iron(III) arsenate	FeAsO_4		1.47				
Iron(III) chloride	$\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$	74.4	91.8				
Iron(III) fluoride	FeF_3		0.091				
Iron(III) hydroxide	Fe(OH)_3		2.097				
Iron(III) iodate	$\text{Fe(IO}_3)_3$		0.36				
Iron(III) nitrate	$\text{Fe(NO}_3)_3 \cdot 9\text{H}_2\text{O}$	112	138	175			
Iron(III) perchlorate	$\text{Fe(ClO}_4)_3$	289	368	478	772		
Iron(III) sulfate	$\text{Fe}_2(\text{SO}_4)_3 \cdot 9\text{H}_2\text{O}$		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	$La(C_2H_3O_2)_3 \cdot H_2O$		16.9				
Lanthanum(III) bromate	$La(BrO_3)_3$	98	149				
Lanthanum(III) iodate	$La(IO_3)_3$		0.04575				
Lanthanum(III) molybdate	$La_2(MoO_4)_3$		0.002473				
Lanthanum(III) nitrate	$La(NO_3)_3$	100	136	168	247		
Lanthanum(III) selenate	$La_2(SeO_4)_3$	50.5	45	45	18.5	5.4	
Lanthanum(III) sulfate	$La_2(SO_4)_3$	3	2.33	1.67	1.26	0.91	0.68
Lanthanum(III) tungstate	$La_2(WO_4)_3 \cdot 3H_2O$		6.06				
Lead(II) acetate	$Pb(C_2H_3O_2)_2$	19.8	44.3	116			
Lead(II) azide	$Pb(N_3)_2$		0.0249				
Lead(II) bromate	$Pb(BrO_3)_2$		7.92				
Lead(II) bromide	$PbBr_2$	0.45	0.86	1.5	2.29	3.32	4.55
Lead(II) carbonate	$PbCO_3$		0.000072				
Lead(II) chlorate	$Pb(ClO_3)_2$		144				
Lead(II) chloride	$PbCl_2$	0.67	1	1.42	1.94	2.54	3.2
Lead(II) chromate	$PbCrO_4$		0.000017				
Lead(II) ferrocyanide	$PbFe(CN)_6$		0.000599				

Lead(II) fluoride	PbF ₂		0.04634				
Lead(II) fluorosilicate	PbSiF ₆	190	222		403	428	463
Lead(II) hydrogen phosphate	PbHPO ₄		0.000345				
Lead(II) hydrogen phosphite	PbHPO ₃		0.02187				
Lead(II) hydroxide	Pb(OH) ₂		0.000161				
Lead(II) iodate	Pb(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		0.000011				
Lead(II) nitrate	Pb(NO ₃) ₂	37.5	54.3	72.1	91.6	111	133
Lead(II) oxalate	PbC ₂ O ₄		0.000649				
Lead(II) perchlorate	Pb(ClO ₄) ₂ .3H ₂ O		440				
Lead(II) selenate	PbSeO ₄		0.0131				
Lead(II) sulfate	PbSO ₄		0.003836				
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	$\text{LiC}_7\text{H}_5\text{O}_2$	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_2CO_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	$\text{Li}_2\text{CrO}_4 \cdot 2\text{H}_2\text{O}$		142				
Lithium dichromate	$\text{Li}_2\text{Cr}_2\text{O}_7 \cdot 2\text{H}_2\text{O}$						
Lithium dihydrogen phosphate	LiH_2PO_4	126					
Lithium fluoride	LiF		0.27				
Lithium fluorosilicate	$\text{Li}_2\text{SiF}_6 \cdot 2\text{H}_2\text{O}$		73				
Lithium formate	LiHCO_2	32.3	39.3	49.5	64.7	92.7	138
Lithium hydrogen phosphite	Li_2HPO_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	LiI	151	165	179	202	435	481
Lithium molybdate	Li_2MoO_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	$\text{Li}_2\text{C}_2\text{O}_4$		8				
Lithium perchlorate	LiClO_4	42.7	56.1	72.3	92.3	128	

Lithium permanganate	LiMnO_4	71.4					
Lithium phosphate	Li_3PO_4	0.039					
Lithium selenide	Li_2Se	57.7					
Lithium selenite	Li_2SeO_3	25	21.5	17.9	14.7	11.9	9.9
Lithium sulfate	Li_2SO_4	36.1	34.8	33.7	32.6	31.4	
Lithium tartrate	$\text{Li}_2\text{C}_4\text{H}_4\text{O}_6$	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	$\text{Lu}(\text{OH})_3$		0.000011				
Lutetium(III) sulfate	$\text{Lu}_2(\text{SO}_4)_3 \cdot 8\text{H}_2\text{O}$		57.9				

M

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Magnesium acetate	$\text{Mg}(\text{C}_2\text{H}_3\text{O}_2)_2$	56.7	53.4	75.7	118		
Magnesium benzoate	$\text{Mg}(\text{C}_7\text{H}_5\text{O}_2)_2 \cdot \text{H}_2\text{O}$			5			
Magnesium bromate	$\text{Mg}(\text{BrO}_3)_2 \cdot 6\text{H}_2\text{O}$			58			
Magnesium bromide	MgBr_2	98	101	106	112		125
Magnesium carbonate	MgCO_3		0.039				
Magnesium chlorate	$\text{Mg}(\text{ClO}_3)_2$	114	135	178	242		
Magnesium chloride	MgCl_2	52.9	54.6	57.5	61	66.1	73.3

Magnesium chromate	$\text{MgCrO}_4 \cdot 7\text{H}_2\text{O}$		137					
Magnesium fluoride	MgF_2		0.007325					
Magnesium fluorosilicate	MgSiF_6	26.3	30.8	34.9	44.4			
Magnesium formate	$\text{Mg}(\text{HCO}_2)_2$	14	14.4	15.9	17.9	20.5	22.9	
Magnesium hydroxide	$\text{Mg}(\text{OH})_2$		0.000962					
			8					
Magnesium iodate	$\text{Mg}(\text{IO}_3)_2$		8.6	11.7	15.2	15.5		
Magnesium iodide	MgI_2	120	140	173		186		
Magnesium molybdate	MgMoO_4		13.7					
Magnesium nitrate	$\text{Mg}(\text{NO}_3)_2$	62.1	69.5	78.9	78.9	91.6		
Magnesium oxalate	MgC_2O_4		0.104					
Magnesium perchlorate	$\text{Mg}(\text{ClO}_4)_2$		49.6					
Magnesium phosphate	$\text{Mg}_3(\text{PO}_4)_2$		0.000258					
			8					
Magnesium selenate	MgSeO_4	20	38.3	48.6	55.8			
Magnesium selenite	MgSeO_3		0.05454					
Magnesium sulfate	MgSO_4	22	33.7	44.5	54.6	55.8	50.4	
Magnesium thiosulfate	MgS_2O_3		50					
Maltose	$\text{C}_{12}\text{H}_{22}\text{O}_{11}$		108					
D-Mannose	$\text{C}_6\text{H}_{12}\text{O}_6$		248					
Manganese(II) bromide	MnBr_2	127	147	169	197	225	228	

Manganese(II) carbonate	MnCO ₃		0.000048				
			77				
Manganese(II) chloride	MnCl ₂	63.4	73.9	88.5	109	113	115
Manganese(II) ferrocyanide	Mn ₂ Fe(CN) ₆		0.001882				
Manganese(II) fluoride	MnF ₂		10.6	0.67	0.44		0.48
Manganese(II) fluorosilicate	MnSiF ₆ .6H ₂ O		140				
			0.000322				
Manganese(II) hydroxide	Mn(OH) ₂		1				
Manganese(II) nitrate	Mn(NO ₃) ₂	102	139				
Manganese(II) oxalate	MnC ₂ O ₄ .2H ₂ O	0.02	0.028				
Manganese(II) sulfate	MnSO ₄	52.9	62.9	60	53.6	45.6	35.3
Mercury(I) azide	Hg ₂ (N ₃) ₂		0.02727				
Mercury(I) bromide	Hg ₂ Br ₂		0.000001				
Mercury(I) carbonate	Hg ₂ CO ₃		4.351				
Mercury(I) chloride	Hg ₂ Cl ₂		0.00003				
Mercury(I) chromate	Hg ₂ CrO ₄		0.002313				
Mercury(I) cyanide	Hg ₂ (CN) ₂		2.266				
Mercury(I) perchlorate	Hg ₂ (ClO ₄) ₂	282	407				
Mercury(I) sulfate	Hg ₂ SO ₄		0.04277				
Mercury(II) acetate	Hg(C ₂ H ₃ O ₂) ₂		25				
Mercury(II) benzoate	Hg(C ₇ H ₅ O ₂) ₂ .2O		1.1				

Mercury(II) bromate	$\text{Hg}(\text{BrO}_3)_2 \cdot 2\text{H}_2\text{O}$	0.08					
Mercury(II) bromide	HgBr_2	0.3	0.56	0.91	1.68	2.77	4.9
Mercury(II) chlorate	$\text{Hg}(\text{ClO}_3)_2$	25					
Mercury(II) chloride	HgCl_2	3.63	6.57	10.2	16.3	30	61.3
Mercury(II) cyanide	$\text{Hg}(\text{CN})_2$	9.3					
Mercury(II) iodate	$\text{Hg}(\text{IO}_3)_2$	0.00237					
Mercury(II) iodide	HgI_2	0.006					
Mercury(II) oxalate	HgC_2O_4	0.011					
Mercury(II) sulfide	HgS	2.943					
Mercury(II) thiocyanate	$\text{Hg}(\text{SCN})_2$	0.063					

N

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Neodymium(III) acetate	$\text{Nd}(\text{C}_2\text{H}_3\text{O}_2)_3 \cdot \text{H}_2\text{O}$		26.2				
Neodymium(III) bromate	$\text{Nd}(\text{BrO}_3)_3$	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) acetate	$\text{Ni}(\text{C}_2\text{H}_3\text{O}_2)_2$						
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		0.000964				
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) 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	$\text{NiC}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$		3.9811				
Nickel(II) perchlorate	$\text{Ni}(\text{ClO}_4)_2$	105	110	117			
Nickel(II) pyrophosphate	$\text{Ni}_2\text{P}_2\text{O}_7$		0.001017				
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				
Nitrogen trifluoride	NF_3						
Nitrous oxide	N_2O		0.112				

O

Substance	Formula	0 °C	20 °C	40 °C	60 °C	80 °C	100 °C
Oxygen at a partial pressure of 21 kPa	O ₂	0.001	0.00091	0.00065			
Oxalic acid	H ₂ C ₂ O ₄ ·2H ₂ 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	Pd(OH) ₂	4.106					
Palladium(IV) hydroxide	Pd(OH) ₄	5.247					
Phenol	C ₆ H ₅ OH	8.3	miscible				
Platinum(II) hydroxide	Pt(OH) ₂	3.109					
Platinum(IV) bromide	PtBr ₄	1.352					
Plutonium(III) fluoride	PuF ₃	0.00031					
Plutonium(IV) fluoride	PuF ₄	0.00036					
Plutonium(IV) iodate	Pu(IO ₃) ₄	0.07998					
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_2CrO_4	56.3	63.7	67.8	70.1		
Potassium cyanide	KCN		50				
Potassium dichromate	$\text{K}_2\text{Cr}_2\text{O}_7$	4.7	12.3	26.3	45.6	73	
Potassium dihydrogen arsenate	KH_2AsO_4		19				
Potassium dihydrogen phosphate	KH_2PO_4	14.8	22.6	35.5	50.2	70.4	
Potassium ferricyanide	$\text{K}_3\text{Fe}(\text{CN})_6$	30.2	46	59.3	70		91
Potassium ferrocyanide	$\text{K}_4\text{Fe}(\text{CN})_6$	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_2HPO_4		150				

Potassium hydrogen sulfate	KHSO_4	36.2	48.6	61	76.4	96.1	122
Potassium hydrogen tartrate	$\text{KHC}_4\text{H}_4\text{O}_6$		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	$\text{K}_2\text{C}_2\text{O}_4$	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	$\text{K}_2\text{S}_2\text{O}_8$		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 tetraphenylborate	$\text{KBC}_{24}\text{H}_{20}$		0.00001				
Potassium thiocyanate	KSCN	177	224	289	372	492	675
Potassium thiosulfate	$\text{K}_2\text{S}_2\text{O}_3$	96	155	205	238	293	
Potassium tungstate	K_2WO_4		51.5				
Praseodymium(III) acetate	$\text{Pr}(\text{C}_2\text{H}_3\text{O}_2)_3 \cdot \text{H}_2\text{O}$		32				
Praseodymium(III) bromate	$\text{Pr}(\text{BrO}_3)_3$	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		0.00021				
Raffinose	C ₁₈ H ₃₂ O ₁₆ ·5H ₂ O		14				
Rubidium acetate	RbC ₂ H ₃ O 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	0.000793					
Silver bromate	AgBrO_3	0.16	0.32	0.57	0.94		
Silver bromide	AgBr	0.000013					
Silver carbonate	Ag_2CO_3	0.003489					
Silver chlorate	AgClO_3	15.3	26.8				
Silver chloride	AgCl	0.000192					
Silver chlorite	AgClO_2	0.248					
Silver chromate	Ag_2CrO_4	0.002157					
Silver cyanide	AgCN	1.467E-07					
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		0.01462				
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	
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 tetraphenylborate	$\text{NaB}(\text{C}_6\text{H}_5)_4$		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		0.00012				
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	Sr(IO ₃) ₂	0.19					0.35
Strontium iodide	SrI ₂	165	178	192	218	270	383
Strontium molybdate	SrMoO ₄	0.011	0.07				
Strontium nitrate	Sr(NO ₃) ₂	39.5	69.5	89.4	93.4	96.9	
Strontium selenate	SrSeO ₄	0.656					
Strontium sulfate	SrSO ₄	0.011	0.0132	0.0141	0.0131	0.0116	
Strontium thiosulfate	SrS ₂ O ₃ .5H ₂ O						
Strontium tungstate	SrWO ₄	0.0003	0.95				
Sucrose	C ₁₂ H ₂₂ O ₁₁	181.9	201.9	235.6	288.8	365.1	476.0
Sulfur dioxide	SO ₂	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	ThF ₄ ·4H ₂ O		0.914				
Thorium(IV) iodate	Th(IO ₃) ₄		0.03691				
Thorium(IV) nitrate	Th(NO ₃) ₄	186	191				
Thorium(IV) selenate	Th(SeO ₄) ₂ ·9H ₂ O	0.65					
Thorium(IV) sulfate	Th(SO ₄) ₂ ·9H ₂ 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	11.9 ml			7.12 ml	
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		0.005769				

Yttrium(III) nitrate	$\text{Y}(\text{NO}_3)_3$	93.1	123	163	200		
Yttrium(III) sulfate	$\text{Y}_2(\text{SO}_4)_3$	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	$\text{Zn}(\text{C}_2\text{H}_3\text{O}_2)_2$		30				
Zinc bromide	ZnBr_2	389	446	591	618	645	672
Zinc carbonate	ZnCO_3		0.0000469				
Zinc chlorate	$\text{Zn}(\text{ClO}_3)_2$	145	209				
Zinc chloride	ZnCl_2	342	395	452	488	541	614
Zinc cyanide	$\text{Zn}(\text{CN})_2$		0.058				
Zinc fluoride	ZnF_2		1.6				
Zinc formate	$\text{Zn}(\text{HCO}_2)_2$	3.7	6.1			28.8	
Zinc iodate	$\text{Zn}(\text{IO}_3)_2 \cdot 2\text{H}_2\text{O}$		0.07749				
Zinc iodide	ZnI_2	430	432	445	467	490	510
Zinc nitrate	$\text{Zn}(\text{NO}_3)_2$	98		211			
Zinc oxalate	$\text{ZnC}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$		1.38E-9				
Zinc permanganate	$\text{Zn}(\text{MnO}_4)_2$		33.3				
Zinc sulfate	ZnSO_4	41.6	53.8	70.5	75.4	71.1	60.5

Zinc sulfite	$\text{ZnSO}_3 \cdot 2\text{H}_2\text{O}$	0.16			
Zinc tartrate	$\text{ZnC}_4\text{H}_4\text{O}_6$	0.022	0.06	0.104	0.59
Zirconium fluoride	ZrF_4	1.32			
Zirconium sulfate	$\text{Zr}(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$	52.5			