

TABLE OF CONTENTS

	Page
Introduction	vii
D. Systems Containing Halides Only	1
I. Bromides Only	1
(a) Two Bromides	1
(b) Three Bromides	17
(c) Four Bromides	19
II. Chlorides Only	20
(a) One Chloride	20
(b) Two Chlorides	21
(c) Three Chlorides	54
(d) Four Chlorides	69
III. Fluorides Only	70
(a) One Fluoride	70
(b) Two Fluorides	72
(c) Three Fluorides	99
IV. Iodides Only	112
(a) Two Iodides	112
(b) Four Iodides	128
V. Mixed Halides Only	129
(a) Two Halides	129
(b) Three Halides	138
(c) Four Halides	148
(d) Five Halides	154
(e) Six Halides	157
E. Systems Containing Halides with Other Substances	164
I. Halides with Elements	164
(a) Two Substances	164
(b) Three Substances	175
(c) Four Substances	182
(d) Five Substances	183
II. Halides with Oxides	184
(a) Two Substances	184
(b) Three Substances	189
(c) Four Substances	217
(d) Five Substances	225
(e) Six Substances	232
(f) Eight Substances	236
III. Halides with Oxygen-Containing Radicals	237
(a) Two Substances	237
(b) Three Substances	240
(c) Four Substances	247
(d) Six Substances	251
IV. Halides with Miscellaneous Substances	254

F.	Systems Containing Sulfides	255
I.	Sulfides Only	255
(a)	One Sulfide	255
(b)	Two Sulfides	257
(c)	Three Sulfides	266
II.	Sulfur with Elements	270
(a)	Two Substances	270
(b)	Three Substances	279
(c)	Four Substances	294
(d)	Five Substances	296
III.	Sulfur with Oxygen-Containing Radicals	296
IV.	Sulfur with Halides	298
V.	Sulfur with Miscellaneous Substances	300
G.	Systems Containing Carbides and Nitrides	301
I.	Carbon and/or Nitrogen with Elements	301
(a)	Three Substances	301
(b)	Four Substances	305
II.	Carbides and Nitrides with Oxides	306
(a)	Three Substances	306
(b)	Four Substances	308
(c)	Six Substances	313
III.	Carbides and Nitrides with Miscellaneous Substances	314
(a)	Three Substances	314
(b)	Five Substances	319
H.	Systems Containing Water (> 1 atm)	320
I.	Water	320
II.	Oxides with Water	321
(a)	Two Oxides with Water	321
(b)	Three Oxides with Water	325
(c)	Four Oxides with Water	338
(d)	Five Oxides with Water	346
III.	Oxygen-Containing Radicals with Water	347
(a)	Two Substances with Water	347
IV.	Miscellaneous Substances with Water	350
(a)	Three Substances with Water	350
(b)	Four Substances with Water	351
(c)	Five Substances with Water	355
(d)	Six Substances with Water	358
I.	Systems Containing Carbon Dioxide	359
(a)	Four Substances with Carbon Dioxide	359
(b)	Six Substances with Carbon Dioxide	361

J. Systems Containing Gases	363
I. Systems Containing Inorganic Volatiles.....	363
(a) Inorganic Volatiles Only	363
(b) Inorganic Volatiles with Oxides	366
(c) Inorganic Volatiles with Oxygen-Containing Radicals	367
(d) Inorganic Volatiles with Halogens.....	369
(e) Inorganic Volatiles with Halides	372
(f) Inorganic Volatiles with Sulfur	374
(g) Inorganic Volatiles with Sulfur and Sulfates	376
(h) Inorganic Volatiles with Carbides	378
Author Index	383
System Index	387