

TABLE OF CONTENTS

	Page		Page
Introduction.....	3	II. Chlorides Only	
Specific Diagrams		(a) One Chloride.....	284
A. Metal-Oxygen Systems, including those containing valence changes		(b) Two Chlorides.....	284
I. One Metal with Oxygen.....	5	(c) Three Chlorides.....	328
II. Two Metals with Oxygen.....	11	(d) Four Chlorides.....	352
III. Three Metals with Oxygen.....	56	III. Fluorides Only	
IV. Four Metals with Oxygen.....	67	(a) Two Fluorides.....	357
V. Five Metals with Oxygen.....	70	(b) Three Fluorides.....	373
VI. Six Metals with Oxygen.....	75	(c) Four Fluorides.....	384
B. Metal Oxide Systems		IV. Iodides Only	
I. One Oxide.....	76	(a) One Iodide.....	386
II. Two Oxides.....	77	(b) Two Iodides.....	387
III. Three Oxides.....	114	(c) Three Iodides.....	394
IV. Four Oxides.....	168	V. Mixed Halides Only	
V. Five Oxides.....	196	(a) Two Halides.....	395
C. Systems with Oxygen-Containing Radicals		(b) Three Halides.....	404
I. Bromates Only.....	207	(c) Four Halides.....	414
II. Oxides with CO ₂		(d) Five Halides.....	430
(a) Two Substances.....	207	(e) Six Halides.....	432
(b) Three Substances.....	208	E. Systems Containing Halides with Other Substances	
(c) Four Substances.....	211	I. Halides with Elements.....	441
III. Carbonates Only		II. Fluorides with Oxides	
(a) One Carbonate.....	215	(a) Two Substances.....	446
(b) Two Carbonates.....	216	(b) Three Substances.....	447
(c) Three Carbonates.....	217	(c) Four Substances.....	453
IV. Chlorates Only.....	218	(d) Five Substances.....	455
V. Perchlorates Only		(e) Seven Substances.....	457
(a) One Perchlorate.....	218	III. Halides with Carbonates	
(b) Two Perchlorates.....	219	(a) Two Substances.....	458
(c) Three Perchlorates.....	221	(b) Three Substances.....	459
VI. Hydroxides.....	221	(c) Six Substances.....	462
VII. Iodates and Periodates.....	224	IV. Halides with Hydroxides	
VIII. Nitrites Only		(a) Two Substances.....	462
(a) One Nitrite.....	224	(b) Four Substances.....	463
(b) Two Nitrites.....	225	V. Halides with Nitrates	
(c) Three Nitrites.....	228	(a) Two Substances.....	463
IX. Nitrates Only		(b) Three Substances.....	466
(a) One Nitrate.....	228	(c) Four Substances.....	468
(b) Two Nitrates.....	230	VI. Halides with Oxides	
(c) Three Nitrates.....	234	(a) Two Substances.....	471
(d) Four Nitrates.....	242	(b) Three Substances.....	471
X. Nitrites-Nitrates, Mixed		(c) Four Substances.....	475
(a) Two Substances.....	243	(d) Five Substances.....	475
(b) Four Substances.....	243	VII. Halides with Oxychlorides	
XI. Nitrates with Miscellaneous Radicals		(a) Two Substances.....	477
(a) Two Substances.....	246	(b) Three Substances.....	479
(b) Four Substances.....	248	VIII. Halides with Sulfates	
XII. Phosphates.....	249	(a) Two Substances.....	480
XIII. Sulfates Only		(b) Three Substances.....	490
(a) One Sulfate.....	250	(c) Four Substances.....	494
(b) Two Sulfates.....	250	(d) Five Substances.....	500
(c) Three Sulfates.....	256	(e) Six Substances.....	500
XIV. Sulfates with Metal Oxides		IX. Halides with Nitrates and Sulfates...	505
(a) Two Substances.....	261	X. Halides with Sulfides	
(b) Three Substances.....	261	(a) Two Substances.....	508
XV. Sulfates with Oxygen-Containing Radicals		(b) Four Substances.....	508
(a) Two Substances.....	262	XI. Halides with Miscellaneous Substances	
(b) Three Substances.....	262	(a) Two Substances.....	510
(c) Four Substances.....	264	(b) Three Substances.....	510
D. Systems Containing Halides Only		(c) Four Substances.....	512
I. Bromides Only			
(a) One Bromide.....	267		
(b) Two Bromides.....	267		
(c) Three Bromides.....	281		

	Page
F. Systems Containing Cyanides, Sulfides, etc.	
I. Cyanides	
(a) One Substance.....	513
(b) Two Substances.....	513
II. Metal with Sulfur	
(a) One Substance.....	513
(b) Two Substances.....	514
(c) Three Substances.....	517
(d) Four Substances.....	524
III. Sulfides Only	
(a) One Sulfide.....	525
(b) Two Sulfides.....	525
(c) Three Sulfides.....	527
IV. Sulfides with Oxides	
(a) Three Substances.....	528
(b) Four Substances.....	528
V. Metal with Oxygen and Sulfur	
(a) Three Substances.....	529
(b) Four Substances.....	529
VI. Miscellaneous	
(a) One Substance.....	530
(b) Two Substances.....	531
(c) Three Substances.....	531

	Page
G. Systems Containing Water	
I. One Oxide with Water.....	532
II. Two Oxides with Water.....	534
III. Three Oxides with Water.....	547
IV. Four Oxides with Water.....	556
V. Five Oxides with Water.....	564
VI. Six Oxides with Water.....	567
VII. Miscellaneous Substances with Water	
(a) One Substance.....	568
(b) Two Substances.....	569
(c) Three Substances.....	571
(d) Four Substances.....	571
(e) Five Substances.....	572
(f) Six Substances.....	573
Errata for 1964	
Edition	574
Author Index.....	575
System Index.....	585