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PHYSICAL PROPERTIES OF FUSED SALT MIXTURES

Data from Open Literature, 1907 — 1962

By
Paul V. Clark

June 15, 1965

Sandia Corporation
Albuquerque, New Mexico

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FOREWORD

The tremendous interest in fused salt research over the past decade has resulted in a corresponding increase in the number of papers published in this field. The data available for fused salt mixtures have become so voluminous that it is impossible for an individual to be aware of all that is available. The ever increasing number of publications makes it difficult to remain abreast of even a relatively small area of fused salt research.

The purpose of the present work was to collect and tabulate data on fused salt mixtures. An extensive literature survey was carried out to locate information. Articles were reviewed and critically evaluated for reliable data. The starting point for this survey was a coverage of Chemical Abstracts from 1907 through 1962 by IIT Research Institute.

Following evaluation and tabulation by IIT Research Institute, the data were revised and put into a more publishable form by Mr. P. V. Clark of Sandia Corporation.

The data which follows in this report consist of a list of fused salt mixtures with eutectic compositions and melting points. The data are presented in two complementary tables:

1. by fused salt systems
2. in order of eutectic melting points

The composition of all systems is reported in mole %. In Russian sources, the practice often is to write the formulas for the system members so as to represent equi-equivalent amounts. Thus the Russians might write the system $\text{CaSO}_4\text{-NaCl}$ as $\text{CaSO}_4\text{-Na}_2\text{Cl}_2$. Such compositions have been converted to that of the formulas in keeping with our practice. The original references were not consulted in making these changes.

In some cases equivalent % was reported, yet the formula written as a multiple of the empirical formula. In such cases, it has been regarded that

the equivalent is the empirical formula. Thus an equivalent of NaCl is 58.46g even if the formula had been written Na_2Cl_2 or Na_3Cl_3 .

Those cases which we have restated have been indicated with an asterisk.

A complete list of references is included so that the original literature may be consulted. A coordinate index is included for rapidly locating system components and systems covered.

The original data compilation included vapor pressures, boiling points, electrical conductivities, free energies of formation, EMF data and chemical reactivities as well as melting points. The additional data are being revised and will be published in future reports. In addition, data being gathered from current literature will allow up-dating of the fused salts information at frequent intervals.

EUTECTIC MELTING POINTS ARRANGED IN SYSTEM ORDER

SYSTEM ORDER

System Group	Page	System Group	Page
Cesium chloride - Chloride	3	Iodide - Sulfate	66
Potassium chloride - Chloride	6	Iodide - Others	67
Lithium chloride - Chloride	12	Nitrate - Nitrate	68
Sodium chloride - Chloride	14	Nitrate - Sulfate	71
Rubidium chloride - Chloride	18	Nitrate - Others	72
Chloride - Chloride (Nonalkali)	19	Sulfate - Sulfate	73
Chloride - Fluoride	23	Sulfate - Others	76
Chloride - Bromide	26	Oxide - Oxide	79
Chloride - Iodide	27	Oxide - Others	89
Chloride - Nitrate	28	Silicate - Silicate	91
Chloride - Sulfate	29	Silicate - Others	92
Chloride - Others	32	Phosphate - Phosphate	93
Cesium fluoride - Fluoride	37	Sulfide - Sulfide	94
Potassium fluoride - Fluoride	38	Nitrite - Nitrite	95
Lithium fluoride - Fluoride	41	Chromate - Chromate	96
Sodium fluoride - Fluoride	43	Chromate - Others	97
Rubidium fluoride - Fluoride	45	Borate - Others	98
Fluoride - Fluoride (Nonalkali)	46	Molybdate - Molybdate	99
Fluoride - Bromide	47	Molybdate - Others	100
Fluoride - Iodide	48	Carbonate - Carbonate	101
Fluoride - Nitrate	49	Carbonate - Others	102
Fluoride - Sulfate	50	Tungstate - Tungstate	103
Fluoride - Others	52	Tungstate - Others	104
Bromide - Bromide	58	Cyanide - Cyanide	105
Bromide - Iodide	61	Thiocyanate - Thiocyanate	106
Bromide - Nitrate	62	Titanate - Titanate	107
Bromide - Sulfate	63	Titanate - Others	108
Bromide - Others	64	Perchlorate - Perchlorate	109
Iodide - Iodide	65	All others	110

Group: Cesium Chloride-Chloride

System	Composition mol %	Eutectic M.P., °C	Reference No.
AgCl-CsCl	72	258	3150
AlCl ₃ -CsCl	* 74.6	148	1331
AlCl ₃ CsCl	* 45.7	344	1331
AlCl ₃ -CsCl-TaCl ₅	* 5-6-89	194	1331
AlCl ₃ -CsCl-TaCl ₅	* 69.7-18.7-11.6	115	1331
AlCl ₃ -CsCl-TaCl ₅	* 35-57.9-7.1	343	1331
CaCl ₂ -CsCl	11	612	1215
CaCl ₂ -CsCl	89	705	1215
CaCl ₂ -CsCl-NaCl	52.1-1.7-46.2	480	1215
CaCl ₂ -CsCl-NaCl	1.3-64.2-34.5	482	1215
CdCl ₂ -CsCl	* 21.9	470	1568
CdCl ₂ -CsCl	* 36	488	1568
CdCl ₂ -CsCl	* 70.9	458	1568
CdCl ₂ -CsCl-NaCl	* 21.9-64.6-13.4	425	1568
CdCl ₂ -CsCl-NaCl	* 33 -45.5-21.3	444	1568
CdCl ₂ -CsCl-NaCl	* 58.7-2.4-38.9	380	1568
CeCl ₃ -CsCl	50	524	925
CeCl ₃ -CsCl	14	584	925
CoCl ₂ -CsCl	18	528	2173
CoCl ₂ -CsCl	26	547	2173
CoCl ₂ -CsCl	42.75	521	2173
CoCl ₂ -CsCl	65	501	2173
CrCl ₂ -CsCl	19.1	515	1606
CrCl ₂ -CsCl	71.5	577	1606
CrCl ₂ -CsCl	19.5	518	3463
CrCl ₂ -CsCl	72	582	3463

* Data recalculated from units as given in original reference.

Group: Cesium Chloride-Chloride (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
CsCl-CuCl	23	215	3150
CsCl-CuCl	~45	236	3150
CsCl-HfCl ₄	81.6	590	700
CsCl-HfCl ₄	34.9	302	700
CsCl-KCl	66	616 m	775
CsCl-KCl	64	606 m	3471
CsCl-KCl-NaCl	45.5-24.5-30	480	3471
CsCl-LaCl ₃	55	534	925
CsCl-LaCl ₃	90	569	925
CsCl-LiCl	42	332	1137
CsCl-LiCl	40.7	323	1138
CsCl-LiCl	41.5	332	1658
CsCl-MgCl ₂	30.6	548	1154
CsCl-MgCl ₂	63	542	1154
CsCl-MgCl ₂	73.5	518	1154
CsCl-MgCl ₂	78.5	511	1154
CsCl-MnCl ₂	31	517	1485
CsCl-MnCl ₂	63.5	526	1485
CsCl-MnCl ₂	73	507	1485
CsCl-MnCl ₂	79.5	499	1485
CsCl-NaCl	~65	486	567, 712, 1215, 1568, 1865, 3391, 3471
CsCl-NaCl	65	493	567
CsCl-NaCl	47	487	843, 925, 1878, 3200, 3281, 3284
CsCl-NaCl	65.5	490	3391

Group: Cesium Chloride-Chloride (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
CsCl-NbCl ₄	90	595	1715
CsCl-NbCl ₄	~43	282	1715
CsCl-NdCl ₃	50	495	925
CsCl-NdCl ₃	90	582	925
CsCl-SnCl ₂	17	188	1485
CsCl-SnCl ₂	61.5	337	1485
CsCl-TaCl ₅	* 63.5	442	1331
CsCl-ThCl ₄	87	562	470
CsCl-ThCl ₄	45.5	450	470
CsCl-ThCl ₄	54.2	460	470
CsCl-TiCl ₂	32	798	316
CsCl-TiCl ₂	90	593	316
CsCl-TiCl ₃	66	690	186, 655
CsCl-TiCl ₃	88.5	591	186, 655
CsCl-TiCl ₃	35	672	186, 655
CsCl-VCl ₂	97.8	642	1289
CsCl-VCl ₂	34	1046	1289
CsCl-ZrCl ₄	84.8	572	700
CsCl-ZrCl ₄	32.8	286	700

* Data recalculated from units as given in original reference.

Group: Potassium Chloride-Chloride

System	Composition mol %	Eutectic M.P., °C	Reference No.
AgCl-KCl	75	325	567, 568, 706, 708 897, 1688, 2020, 2638 2913, 3266
AgCl-KCl	70	306	
AgCl-KCl	70	318	
AlCl ₃ -KCl	67	128	334, 398, 399, 400, 680, 684 703, 1388, 1464, 2991, 3503!
AlCl ₃ -KCl	71-65.5	114-149	2993
AlCl ₃ -KCl-NaCl	60-14-26	93	334, 399, 682, 684, 2993
AlCl ₃ -KCl-NaCl	63.5-16.5-20	88-9	334, 399, 682, 684, 2993
AlCl ₃ -KCl-NaCl	62.13-12.7-25.17	94	334, 399, 682, 684, 2993
AlCl ₃ -KCl-NaCl	66-14-20	70	334, 399, 682, 684, 2993
AlCl ₃ -KCl-NbCl ₅	15-52-33	195	1589
AlCl ₃ -KCl-NbCl ₅	4-6-90	180	1589
AlCl ₃ -KCl-NbCl ₅	* 27.5-50-22.5	201	1589
AlCl ₃ -KCl-NbCl ₅	50-45-5	115	1589
AlCl ₃ -KCl-NbCl ₅ -TaCl ₅	* 18-50-15.5-16.5	170	1589
AlCl ₃ -KCl-TaCl ₅	* 21.3-50.-28.7	180	1589
AlCl ₃ -KCl-ZrCl ₄	65-33-2	116	3503
AlCl ₃ -KCl-ZrCl ₄	20-40-40	182	3503
AlCl ₃ -KCl-ZrCl ₄	46-52-2	235	3503
BaCl ₂ -KCl	42.7	645	1155
BaCl ₂ -KCl-LiCl	6.38-39.36-54.26	320	1042
BaCl ₂ -KCl-NaCl	28-39-33	542	3210

* Data recalculated from units as given in original reference.

Group: Potassium Chloride-Chloride (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{CaCl}_2\text{-KCl}$	25	583	397, 471, 569, 775, 776, 1133, 1386, 1675, 1963, 3673
$\text{CaCl}_2\text{-KCl}$	26.6	597	
$\text{CaCl}_2\text{-KCl}$	72	610	
$\text{CaCl}_2\text{-KCl}$	74.1	641	
$\text{CaCl}_2\text{-KCl-LiCl}$	31-14.5-54.5	425	776
$\text{CaCl}_2\text{-KCl-LiCl}$	5.8-43.3-50.9	340	776
$\text{CaCl}_2\text{-KCl-NaCl}$	50-7.25-42.75	465	777, 1963
$\text{CaCl}_2\text{-KCl-NaCl}$	20.75-47.75-31.5	515	777, 1963
$\text{CaCl}_2\text{-KCl-PbCl}_2$	17.5-15.5-67	422	1733
$\text{CaCl}_2\text{-KCl-PbCl}_2$	12-17-71	420	1733
$\text{CaCl}_2\text{-KCl-PbCl}_2$	3.0-47-50	402	1733
$\text{CdCl}_2\text{-KCl}$	66.7	383	124, 816, 1386, 1570, 1636 1732, 1773, 2143
$\text{CdCl}_2\text{-KCl}$	38	388	
$\text{CdCl}_2\text{-KCl-PbCl}_2$	21.5-51.8-267	328	1570, 1732
$\text{CdCl}_2\text{-KCl-PbCl}_2$	42.5-19-38.5	320	1570, 1732
$\text{CdCl}_2\text{-KCl-PbCl}_2$	29-59-12	362	1570, 1732
$\text{CeCl}_3\text{-KCl}$	19	594	727, 843, 925 1400, 3278
$\text{CeCl}_3\text{-KCl}$	49.3	526	727, 843, 925 1400, 3278
$\text{CeCl}_3\text{-KCl}$	30.2	618	925, 727, 843 1400, 3278
$\text{CeCl}_3\text{-KCl-MgCl}_2$	19.3-34.3-46.4	415	925
$\text{CeCl}_3\text{-KCl-MgCl}_2$	24.2-42.7-33.1	418	925
$\text{CeCl}_3\text{-KCl-MgCl}_2$	2.1-67.2-30.7	420	925
$\text{CeCl}_3\text{-KCl-NaCl}$	* 37.3-17.6-45	470	3284
$\text{CeCl}_3\text{-KCl-NaCl}$	* 19.3-54.1-26.5	530	3284

* Data recalculated from units as given in original reference.

Group: Potassium Chloride-Chloride (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
CeCl ₃ -KCl-NaCl	* 20.3-46-33.7	543	3284
CoCl ₂ -KCl	43.5	351	966, 2173
CoCl ₂ -KCl	30.5	427	966, 2173
CrCl ₂ -KCl	30	475	3463
CrCl ₂ -KCl	39	467	3463
CrCl ₂ -KCl	64	472	3463
CuCl-KCl	67	136	348, 816, 3144
CuCl-KCl	66	150	348, 816, 3144
CuCl ₂ -KCl	54	360	348
CuCl ₂ -KCl	38	320	348
CuCl ₂ -KCl	30	325	348
FeCl ₂ -KCl	38.2	351 ± 1	2529
FeCl ₂ -KCl	54.2	393 ± 1	2529
FeCl ₃ -KCl	53	202	3503
FeCl ₃ -KCl-ZrCl ₄	59-34-7	180	3503
FeCl ₃ -KCl-ZrCl ₄	30-35-35	180	3503
FeCl ₃ -KCl-ZrCl ₄	44-53-3	235	3503
HfCl ₄ -KCl	22.4	604	700
HfCl ₄ -KCl	62	242	700
HgCl ₂ -KCl	68	182	2234
KCl-LaCl ₃	47	554	925, 1400
KCl-LaCl ₃	80	580	925, 1400
KCl-LiCl	(40-43)	348-359	10, 11, 98, 494, 567, 568, 589, 595, 633, 712, 749, 750, 781, 805, 886, 967, 981, 983, 1085, 1138, 1155, 1349, 1607, 1816, 1840, 2020, 2084, 2118, 2183, 2959, 2993

* Data recalculated from units as given in original reference.

Group: Potassium Chloride-Chloride (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
KCl-LiCl-NaCl	36-55-9	346	11, 494, 1085, 1349
KCl-LiCl-NaCl	38-53.5-8.5	348	11, 494, 1085, 1349
KCl-MgCl ₂	62.8	435	658, 727, 1219, 1747, 1864, 3090
KCl-MgCl ₂ -NaCl	22-51-27	396	72, 372, 1747, 2084, 2229, 3039
KCl-MgCl ₂ -NaCl	20-50-30	396	72, 372, 1747, 2084, 2229, 3039
KCl-MgCl ₂ -NdCl ₃	31.5-43.5-25.0	405	1268
KCl-MgCl ₂ -NdCl ₃	39.0-34.5-26.5	415	1268
KCl-MgCl ₂ -NdCl ₃	58.0-38.7-3.3	416	1268
KCl-MgCl ₂ -NdCl ₃	68.0-28.0-4.0	412	1268
KCl-MgCl ₂ -PrCl ₃	27.0-48.0-25.0	407	2179
KCl-MgCl ₂ -PrCl ₃	42.0-33.0-25.0	411	2179
KCl-MgCl ₂ -PrCl ₃	60.0-36.0-4.0	412	2179
KCl-MgCl ₂ -PrCl ₃	70.0-26.5-3.5	416	2179
KCl-MgCl ₂ -PrCl ₃	73.4-20.0-6.6	420	2179
KCl-MgCl ₂ -PrCl ₃	36.5-36.5-27.0	414	2179
KCl-MgCl ₂ -TiCl ₃	67.0-31.2-1.8	415	1864
KCl-MgCl ₂ -TiCl ₃	55.6-33.2-11.2	380	1864
KCl-MgCl ₂ -TiCl ₃	45.2-47.4-7.4	380	1864
KCl-MnCl ₂	65	428	2145, 3140
KCl-MnCl ₂	35	450	2145, 3140
KCl-NaCl-NbCl ₄	46.4-41.2-12.4	585 ± 3	1353
KCl-NaCl-NbCl ₄	8.0-61.2-30.8	540 ± 3	1353
KCl-NaCl-NbCl ₄	21.7-45.0-33.3	545 ± 3	1353
KCl-NaCl-NbCl ₄	24.0-64.0-12.0	605 ± 3	1353
KCl-NaCl-PrCl ₃	55.2-26.4-18.4	530 ± 2	1337

Group: Potassium Chloride-Chloride (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
KCl-NaCl-PrCl ₃	56.0-26.0-18.0	528 ± 3	1337
KCl-NaCl-PrCl ₃	32.4-19.6-48.0	440 ± 3	1337
KCl-NaCl-TaCl ₅	49.1-1.8-49.1	388	3525
KCl-NbCl ₄	52	366	1331, 3526
KCl-NbCl ₄	78	615	3489
KCl-NbCl ₄	~40	298	3489
KCl-NbCl ₅ -TaCl ₅	15.5-69-15.5	180	1589
KCl-NdCl ₃	83.5	615	925, 1400
KCl-NdCl ₃	50	480	925
KCl-PbCl ₂	49	410	124, 613, 657, 816, 1370, 1570, 1677, 1732 1749, 2147, 3442, 3624
KCl-PbCl ₂	22.2	421	124, 613, 657, 816 1370, 1570
KCl-PbCl ₂ -ZnCl ₂	52-18-30	326	2958
KCl-PbCl ₂ -ZnCl ₂	23-14-63	229	2958
KCl-PbCl ₂ -ZnCl ₂	42-6-52	210	2958
KCl-PrCl ₃	43	483	1337, 1400, 2179
KCl-PrCl ₃	81	610	1337, 2179
KCl-SnCl ₂	17	201	2159, 2888
KCl-SnCl ₂	38	180	2159, 2888
KCl-SrCl ₂	71.5	588	1330
KCl-SrCl ₂	55.6	575	1330
KCl-TaCl ₅	52	370	1331, 3525, 3526
KCl-ThCl ₄	57.2	384	470
KCl-ThCl ₄	47.5	403	470
KCl-ThCl ₄	88.3	620	470

Group: Potassium Chloride-Chloride (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
KCl-TiCl ₃	62.5	581	655
KCl-TiCl ₃	50	535	655, 1864, 3410, 3754
KCl-TiCl ₃	664	595	1864
KCl-TiCl ₃	85	682	3410
KCl-TiCl ₂	38	730	1547
KCl-TiCl ₂	73	632	1547
KCl-TiCl ₃	83	673	655, 1864, 3410, 3754
KCl-TiCl ₃	50	535	655, 1864, 3410, 3754
KCl-TiCl ₃	85.2	676	1864
KCl-TlCl	7.5	426	1329
KCl-VCl ₂	47.5	930	1289
KCl-VCl ₂	78.5	687	1289
KCl-VCl ₃	84 ± 0.5	655 ± 5	1837
KCl-ZnCl ₂	51	230	1092, 1240, 2143
KCl-ZnCl ₂	69	433	1092, 1240, 2143
KCl-ZrCl ₄	42.2	220	700, 1242, 3503
KCl-ZrCl ₄	34.5	235	700, 1242, 3503
KCl-ZrCl ₄	75.8	594	700, 1242, 3503

Group: Lithium Chloride-Chloride

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{AlCl}_3\text{-LiCl}$	60	114	703, 2993
$\text{BaCl}_2\text{-LiCl}$	30	514	397
$\text{BaCl}_2\text{-LiCl}$	25	512	1042
$\text{BaCl}_2\text{-LiCl}$	33	510	1720
$\text{CaCl}_2\text{-LiCl}$	37	475 m	775, 776
$\text{CaCl}_2\text{-LiCl}$	36	475	3702, 397, 775, 776, 1391, 1720, 3414
$\text{CaCl}_2\text{-LiCl}$	36	477	1391
$\text{CaCl}_2\text{-LiCl}$	39	480	397
$\text{CaCl}_2\text{-LiCl}$	36.3	492	1720, 397, 775, 776, 1391, 3414, 3702
$\text{CaCl}_2\text{-LiCl}$	38	496	3414
$\text{CaCl}_2\text{-LiCl-NaCl}$	34.23-52.34-13.43	440	1391
$\text{CaCl}_2\text{-PbCl}_2$	34	467	1133, 1370
$\text{CoCl}_2\text{-LiCl}$	33	512 m	966, 1687, 2173
$\text{CoCl}_2\text{-LiCl}$	33	517 m	966, 1687, 2173
$\text{HgCl}_2\text{-LiCl}$	98.4	278	2234
LiCl-MnCl_2	48	555 m	3140
LiCl-NaCl	72.5	546 m	11, 775, 1085, 1349, 1635, 1839, 1865
LiCl-NaCl	72	553 m	
LiCl-NaCl	78.5	553	
LiCl-NaCl	75.5	551	
$\text{LiCl-NH}_4\text{Cl}$	50	267	567, 1302
LiCl-NiCl_2	84.1	620	1673
LiCl-PbCl_2	34.5	400	397, 657, 902, 1370, 2250
LiCl-PbCl_2	36	400	
LiCl-PuCl_3	72	461	1794

Group: Lithium Chloride-Chloride (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
LiCl-RbCl	58.3	318	1138
LiCl-SnCl ₂	15	215	2887
LiCl-SrCl ₂	63	487	1778
LiCl-SrCl ₂	67.7	488	3359
LiCl-TlCl	38	342	3137
LiCl-ZnCl ₂	23	294	1824

Group: Sodium Chloride-Chloride

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{AlCl}_3\text{-FeCl}_3\text{-NaCl}$	48-3-49	145	2110
$\text{AlCl}_3\text{-FeCl}_3\text{-NaCl}$	46-3-51	149	2110
$\text{AlCl}_3\text{-FeCl}_3\text{-NaCl}$	49-2-49	142	2110
$\text{AlCl}_3\text{-NaCl}$	62	112	245, 334, 399, 400, 680, 681, 684, 703, 1384, 1588, 1926, 2993
$\text{AlCl}_3\text{-NaCl}$	60	115	
$\text{AlCl}_3\text{-NaCl}$	59	123	
$\text{AlCl}_3\text{-NaCl}$	50	150	
$\text{AlCl}_3\text{-NaCl}$	66	93	
$\text{AlCl}_3\text{-NaCl}$	61	108	245, 334, 399, 400, 680, 681, 684, 703, 1384, 1588, 1926, 2993
$\text{AlCl}_3\text{-NaCl-NbCl}_5$	48.8-48.4-2.8	140	2993, 334, 400
$\text{AlCl}_3\text{-NaCl-NbCl}_5$	61 -37-2	97	1588
$\text{AlCl}_3\text{-NaCl-TaCl}_5$	46.7-51.2-2.1	140	1588
$\text{AlCl}_3\text{-NaCl-TaCl}_5$	63.1-37.2-1.52	78	967
$\text{BaCl}_2\text{-CaCl}_2\text{-NaCl}$	14.5-47-38.5	450	1588
$\text{BaCl}_2\text{-CeCl}_3\text{-NaCl}$	22-36-42	373	612, 908, 2301
$\text{BaCl}_2\text{-NaCl}$	41.5	640	3281, 3401
$\text{BaCl}_2\text{-NaCl}$	40	648	
$\text{BaCl}_2\text{-NaCl}$	51.5	648	
$\text{BaCl}_2\text{-NaCl}$	40	650	
$\text{BaCl}_2\text{-NaCl}$	39	654	
$\text{BaCl}_2\text{-NaCl}$	40	656	
$\text{BeCl}_2\text{-NaCl}$	55	210	1276, 1486, 1541
$\text{CaCl}_2\text{-CeCl}_3\text{-NaCl}$	38.8-12.2-49.0	440	1878

Group: Sodium Chloride-Chloride (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{CaCl}_2\text{-CeCl}_3\text{-NaCl}$	48-21-31	458	3280
$\text{CaCl}_2\text{-LaCl}_3\text{-NaCl}$	35-13-52	460	1949
$\text{CaCl}_2\text{-NaCl}$	(52.5-55)	490-506	397, 550, 568, 908, 1061, 1133, 1209, 1374, 1386, 1391, 1491, 1963, 2301
$\text{CaCl}_2\text{-NaCl-NdCl}_3$	5-50-45	428	1491
$\text{CaCl}_2\text{-NaCl-RbCl}$	52.5-45-2.5	500	1214
$\text{CaCl}_2\text{-NaCl-RbCl}$	11.2-32.8-56.0	505	1214
$\text{CdCl}_2\text{-NaCl}$	55	387	233, 1525, 1569, 1773, 2027, 3467
$\text{CdCl}_2\text{-NaCl}$	~60	397 ₊₅	
$\text{CdCl}_2\text{-NaCl-PbCl}_2$	36-18-46	323	3467
$\text{CdCl}_2\text{-NaCl-TlCl}$	60-21-19	358	2027
$\text{CdCl}_2\text{-NaCl-TlCl}$	22-4-74	290	2027
$\text{CdCl}_2\text{-NaCl-TlCl}$	39-23-38	384	2027
$\text{CeCl}_3\text{-NaCl}$	47	487	3281
$\text{CeCl}_3\text{-NaCl}$	32.5	488	925, 843, 1878, 3280, 3281, 3284
$\text{CeCl}_3\text{-NaCl}$	46	499	
$\text{CeCl}_3\text{-NaCl}$	37	505	
$\text{CeCl}_3\text{-NaCl-ThCl}_4$	4.0-60.6-35.4	345	470
$\text{CeCl}_3\text{-NaCl-ThCl}_4$	2.6-67.4-30.0	340	470
$\text{CeCl}_3\text{-NaCl-ThCl}_4$	7.0-62.0-31.0	358	470
$\text{CoCl}_2\text{-NaCl}$	36	370	966, 1239, 1534, 2173
$\text{CoCl}_2\text{-NaCl}$	39.5	368	966, 1239, 1534, 2173
$\text{CrCl}_2\text{-NaCl}$	46.3	437	3463, 2180
CuCl-KCl	66	150	348, 816, 3144
CuCl-NaCl	73	314	568, 567
CuCl-NaCl	74	314	571

Group: Sodium Chloride-Chloride (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
CuCl-NaCl	75	314	3144
CuCl-NaCl	73	322	2712
FeCl ₃ -NaCl	46	151	967, 1395, 1678
FeCl ₃ -NaCl	54	158	967, 1395, 1678
FeCl ₃ -NaCl-NbCl ₅	48.-50.5-1.5	148	1912
FeCl ₃ -NaCl-NbCl ₅	52.3-46.0-1.7	148	1912
HfCl ₄ -NaCl	26.6	540	700
HfCl ₄ -NaCl	59.4	330	700
HgCl ₂ -NaCl	86	264	2234
InCl ₃ -NaCl	78	704	1742
InCl ₃ -NaCl	39	316	1742
LaCl ₃ -NaCl	25	525	925
LaCl ₃ -NaCl	22	525	1949
MgCl ₂ -NaCl	44	430	658, 727, 1133, 1457, 1747, 3090
MgCl ₂ -NaCl	~40	450	658, 727, 1133, 1457, 1747, 3090
NaCl-NbCl ₄	70	530	3489
NaCl-NbCl ₄	33	248	3489
NaCl-NbCl ₅ -ZrCl ₄	* 35.6-49.2-15.2	196	3424
NaCl-NbCl ₅ -ZrCl ₄	* 18.8-54.4-26.7	184	3424
NaCl-NdCl ₃	58.8	430	925, 1491
NaCl-NiCl ₂	* 68	563	1239, 1534
NaCl-PbCl ₂	30	411	568, 902, 1370, 1449
NaCl-PrCl ₃	63	468 ± 2	1337
NaCl-PuCl ₃	64	453	1794, 2012
NaCl-RbCl	45	541	567, 568, 1214, 1865

* Data recalculated from units as given in original reference.

Group: Sodium Chloride-Chloride (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
NaCl-SnCl ₂	32	183	2888
NaCl-SrCl ₂	50	565	568, 2625
NaCl-ThCl ₄	70.3	346	470
NaCl-ThCl ₄	64.3	349	470
NaCl-TiCl ₂	67	605	2111, 3710
NaCl-TiCl ₃	60	462	655, 2111, 3410, 3754
NaCl-TiCl ₃	78	549	655, 2111, 3410, 3754
NaCl-TlCl	15	412	3137, 2027, 1480
NaCl-VC1 ₂	70.4	666	1289
NaCl-VC1 ₃	71	452	1837
NaCl-ZnCl ₂	42	270	967, 1092
NaCl-ZrCl ₄	35.4	311	457, 700, 3424
NaCl-ZrCl ₄	78.6	539	457, 700, 3424

Group: Rubidium Chloride-Chloride

System	Composition mol %	Eutectic M.P., °C	Reference No.
AgCl-RbCl	60	251	567, 568
CaCl ₂ -RbCl	17.5	580	1214
CaCl ₂ -RbCl	82.5	678	1214
CoCl ₂ -RbCl	28	503	2173
CoCl ₂ -RbCl	42.7	464	2173
CoCl ₂ -RbCl	58.3	466	2173
CuCl-RbCl	68	150	3141
MgCl ₂ -RbCl	29	459	658, 1154
MgCl ₂ -RbCl	65	510	658, 1154
MgCl ₂ -RbCl	35.5	472	658, 1154
MnCl ₂ -RbCl	27	446	1485
MnCl ₂ -RbCl	70	479	1485
NbCl ₄ -RbCl	17	630	1715
RbCl-SnCl ₂	17	192	1485
RbCl-SnCl ₂	44.5	203	1485
RbCl-SnCl ₂	51.5	223	1485
RbCl-TiCl ₂	65	763	316
RbCl-TiCl ₂	85	630	316
RbCl-TiCl ₃	64	671	186, 655
RbCl-TiCl ₃	83	612	186, 655

Group: Chloride-Chloride (Non-Alkali)

System	Composition mol %	Eutectic M.P., °C	Reference No.
AgCl-CaCl ₂	* 82.6	448	1133
AgCl-CdCl ₂ -PbCl ₂	39.7-23.7-36.6	286	2877, 2229
AgCl-CuCl	46	260	567, 568, 3144
AgCl-HgCl	* 57.4	250	2794
AgCl-InCl ₃	77	369	1742
AgCl-InCl ₃	32	329	1742
AgCl-MgCl ₂	* 87.5	452	1133
AgCl-NH ₄ Cl	* 8.5	245	2794
AgCl-PbCl ₂	60.02	314	311, 568, 1164, 1234, 1259, 3266
AgCl-TlCl	60	210	1386, 1423, 1719
AlCl ₃ -GaCl ₃	6	74	1346
AlCl ₃ -NbCl ₅	* 54.3	125	1332, 1588, 2821
AlCl ₃ -NbCl ₅ -TaCl ₅	* 69.8-17.2-13	110	2821
AlCl ₃ -POCl ₃	65	115	2364
AlCl ₃ -SeCl ₄	65.2	100	451
AlCl ₃ -TaCl ₅	* 61.2	118	1332, 1588, 2821
AlCl ₃ -TeCl ₄	62.5	108	451
AlCl ₃ -TeCl ₄	39.5	114	451
AlCl ₃ -ZrCl ₄	83	116	3503
BaCl ₂ -CaCl ₂	36.5	594	90, 567, 1578, 1655
BaCl ₂ -CaCl ₂	54	624	90, 567, 1578, 1655
BaCl ₂ -CdCl ₂	43	450	567, 1773, 3147
BaCl ₂ -CeCl ₃	31-35	683-672	925, 3281
BaCl ₂ -MgCl ₂	35	560	567
BaCl ₂ -MnCl ₂	37	503	3143

* Data recalculated from units as given in original reference.

Group: Chloride-Chloride (Non-Alkali) (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
BaCl ₂ -PuCl ₃	36	648	509
CaCl ₂ -CeCl ₃	45	618	925, 1431, 1878, 3243, 3280
CaCl ₂ -CeCl ₃	78	613	925, 1431, 1878, 3243, 3280
CaCl ₂ -CeCl ₃	75	624	925, 1431, 1878, 3243, 3280
CaCl ₂ -CeCl ₃	76	640	925, 1431, 1078, 3243, 3280
CaCl ₂ -CuCl	20	393	1133
CaCl ₂ -LaCl ₃	28	630	925, 1949
CaCl ₂ -MgCl ₂	* 39	621	1133
CaCl ₂ -MnCl ₂	* 34.8	590	1395
CaCl ₂ -NdCl ₃	57	585	925, 1491
CaCl ₂ -PbCl ₂	34	467	1133, 1370
CaCl ₂ -ThCl ₄	54	560	2114
CdCl ₂ -InCl ₃	51	476	1742
CdCl ₂ -LiCl	(63-64)	500 m	125, 1686, 3003, 3371
CdCl ₂ -LiCl	60	502 m	125, 1686, 3003, 3371
CdCl ₂ -PbCl ₂	36.5	385	389, 567, 568, 1570, 1732, 3467
CdCl ₂ -PbCl ₂	35	389	389, 567, 568, 1570, 1732, 3467
CdCl ₂ -SnCl ₂	10	233	567, 568, 3139
CdCl ₂ -SrCl ₂	58	502	567, 3147
CdCl ₂ -TlCl	23	297	1386, 1723, 2027, 3138, 3476
CdCl ₂ -TlCl	62	396	1386, 1723, 2027, 3138, 3476

* Data recalculated from units as given in original reference.

Group: Chloride-Chloride (Non-Alkali) (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
CdCl ₂ -TlCl	(23-27)	(290-326)	1723, 3138, 3476
CdCl ₂ -TlCl	(63-67.5)	(396-410)	1723, 3138, 3476
CeCl ₃ -MgCl ₂	31.2	660	925
CeCl ₃ -ThCl ₄	39.4	640	470, 2114
CoCl ₂ -PbCl ₂	23.5	424	2742
CoCl ₂ -ZnCl ₂	* 7.3	311-313	2621
CuCl-CuCl ₂	87	378	348
CuCl-FeCl ₃	39.6	263	569
CuCl-HgCl	* 56.2	330	2794
CuCl-MgCl ₂	98.7	408	568
CuCl-MgCl ₂	96	406	1133
CuCl-NH ₄ Cl	41	143	567, 1302
CuCl-TlCl	60	122	3144
CuCl-ZnCl ₂	12	283	1227
FeCl ₂ -FeCl ₃	13.5	297.5	3161
FeCl ₃ -NbCl ₅	* 20.6	198	2821
FeCl ₂ -PbCl ₂	28.5	421	2742
FeCl ₃ -TaCl ₅	* 24.3	200	2821
FeCl ₃ -ZrCl ₄	85.18	300	3503
HgCl ₂ -NH ₄ Cl	61.3	198	2234, 2235, 2794
HgCl ₂ -NH ₄ Cl	39	193	2234, 2235, 2794
HgCl ₂ -NH ₄ Cl	42	135	2234, 2235, 2794
HgCl ₂ -TlCl	32	205	3138
HgCl ₂ -TlCl	64	183	3138
InCl ₃ -PbCl ₂	28	374	1742
InCl ₃ -PbCl ₂	44	400	3323

* Data recalculated from units as given in original reference.

Group: Chloride-Chloride (Non-Alkali) (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
InCl ₃ -SnCl ₂	* 8.7	218	3323
InCl ₃ -ZnCl ₂	4	276	1742
MgCl ₂ -NdCl ₃	36	626	925
MgCl ₂ -PbCl ₂	19	459	1228
MgCl ₂ -PrCl ₃	62	645	2179
MgCl ₂ -PuCl ₃	62	650	509
MgCl ₂ -SrCl ₂	55	535	567, 3149
MgCl ₂ -ZnCl ₂	1	271	567, 1133
MnCl ₂ -PbCl ₂	30	408	567, 568, 3139
MnCl ₂ -SnCl ₂	5	233	567, 568, 3139
MnCl ₂ -SrCl ₂	36	500	567, 3147
MnCl ₂ -ZnCl ₂	2	266	567
NbCl ₅ -TaCl ₅	* 57	213	1332
NbCl ₅ -ZrCl ₄	* 65.7	186	3424
PbCl ₂ -ZnCl ₂	7	242	340, 567
PbCl ₂ -TlCl	40	370	3138, 3366
PuCl ₃ -SrCl ₂	52	616	509
SnCl ₂ -TlCl	82	185 m	3138
SnCl ₂ -ZnCl ₂	56	171	567
TlCl-ZnCl ₂	78	334	1922
TlCl-ZnCl ₂	73	340	1922
TlCl-ZnCl ₂	48	213	1922

* Data recalculated from units as given in original reference.

Group: Chloride-Fluoride

System	Composition mol %	Eutectic M.P., °C	Reference No.
BaCl ₂ -AlF ₃	61.5	872 m	3365
BaCl ₂ -AlF ₃ -NaF	* 36.6-29.3-34.1	620	3365
BaCl ₂ -AlF ₃ -NaF	* 22.2-32.-74.6	654	3365
BaCl ₂ -BaF ₂	85	840	1469
BaCl ₂ -BaF ₂	22	940	1469
BaCl ₂ -BaF ₂ -CaF ₂	17-62-21	880	3668, 1655
BaCl ₂ -BaF ₂ -CaF ₂	76-6.5-17.5	776	3668, 1655
BaCl ₂ -BaF ₂ -CaF ₂	36-35.5-28.5	936	3668, 1655
BaCl ₂ -CaCl ₂ -CaF ₂	34-62.5-3.5	542	1655
BaCl ₂ -CaF ₂	78	791	1655
BaCl ₂ -K ₂ TiF ₆	* 25.5	627	3401
BaCl ₂ -K ₂ TiF ₆	* 66.2	633	3401
BaCl ₂ -NaCl-BaF ₂	* 14.-72-14	723	2034
BaCl ₂ -NaCl-BaF ₂ - CaF ₂	* 15.1-69.3- 15.1-.5	706	2034
BaCl ₂ -NaCl-K ₂ TiF ₆	* 1.6-69.6-28.7	530	3401
BaCl ₂ -NaCl-K ₂ TiF ₆	* 16.4-64.5-19.1	531	3401
BaCl ₂ -NaCl-K ₂ TiF ₆	* 10.3-23.3-66.4	601	3401
BaCl ₂ -SrCl ₂ -S-F ₂	30-19-51	903 m	2242
CaCl ₂ -BaF ₂	90	611	1655, 3668
CaCl ₂ -CaF ₂	80 5	644	471, 3673
CaCl ₂ -CaF ₂ -NaF	* 50-1.5-48.5	490	1252
CaCl ₂ -K ₂ TiF ₆	* 59	581	3664
CaCl ₂ -K ₂ TiF ₆	* 86.1	662	3664
CaCl ₂ -K ₂ TiF ₆	* 94.6	585	3664
CaCl ₂ -LiCl-CaF ₂	* 29.8-65.8-4.3	450	1656

* Data recalculated from units as given in original reference.

Group: Chloride-Fluoride (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference
$\text{CaCl}_2\text{-LiCl-CaF}_2$	* 6.0-78.8-15.1	485	1656
$\text{CaCl}_2\text{-Na}_2\text{TiF}_6$	* 20.3	560	2003
$\text{CaCl}_2\text{-Na}_2\text{TiF}_6$	* 39.7	541	2003
$\text{CaCl}_2\text{-Na}_2\text{TiF}_6$	* 76.9	578	2003
$\text{CaCl}_2\text{-Na}_2\text{TiF}_6$	* 94.4	605	2003
$\text{CdCl}_2\text{-CdF}_2$	70	480 ± 5	233
$\text{CdCl}_2\text{-LiF}$	87	545 ± 5	233
$\text{CdCl}_2\text{-NaF}$	~55	298 ± 5	233
KCl-BaF_2	* 92.5	739	1654
$\text{KCl-BaF}_2\text{-NaF}$	* 67.7-3.9-28.3	632	169
KCl-CaF_2	* 98.7	770	1654
KCl-KF	54	605	471, 567, 568, 3673
$\text{KCl-K}_2\text{TiF}_6$	* 70.8	640	1921
KCl-LiF	80	715	413
KCl-NaCl-CaF_2	* 59.4-39.8-.8	655 m	2034, 1654
$\text{KCl-NaCl-K}_2\text{TiF}_6$	* 41.8-16.3-41.8	558	3400
$\text{KCl-NaCl-K}_3\text{ZrF}_7$	* 44.1-44.1-11.7	630	3392
KCl-NaCl-NaF	22.5-60.5-17	606	1943, 2229
KCl-NaCl-ThF_4	43.7-43.7-12.6	626	1106
KCl-ThF_4	77	704	1106
LiCl-CaF_2	* 82.3	492	1656
$\text{LiCl-CaF}_2\text{-LiF}$	* 64.2-12.7-23.1	472	1656
$\text{LiCl-K}_2\text{TiF}_6$	* 29.9	560	2003
$\text{LiCl-K}_2\text{TiF}_6$	* 36.2	472	2003
$\text{LiCl-K}_2\text{TiF}_6$	63	462	2003
LiCl-LiF	69.5	501	413
LiCl-LiF	69.5	484	413

* Data recalculated from units as given in original reference.

Group: Chloride-Fluoride (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
LiCl-LiF	80	485	413
LiCl-Na ₂ TiF ₆	* 38	482	2003
LiCl-Na ₂ TiF ₆	* 87.6	398	2003
LiCl-Na ₂ TiF ₆	* 55.7	473	2003
NaCl-AlF ₃	* 75.5	714	588, 2117
NaCl-AlF ₃ -NaF	* 46.9-7.5-45.5	674	588
NaCl-AlF ₃ -NaF	* 17.4-37.7-44.8	626	588
NaCl-BaF ₂	* 77.3-22.7	702	1654
NaCl-CaF ₂	* 96.1-3.9	770	1654
NaCl-CaF ₂ -Na ₃ AlF ₆	* 87.5-1.-11.5	730	2130
NaCl-CaF ₂ -NaF	* 64.3-1.2-30.3	662	1252
NaCl-K ₂ TiF ₆	* 69.7-30.3	~530	1438, 1921
NaCl-K ₂ ZrF ₆	72	550	3392
NaCl-K ₂ ZrF ₆	21	630	3392
NaCl-LiF	58.5	680	413
NaCl-Na ₃ AlF ₆	43.9	734	3260
NaCl-Na ₃ AlF ₆	89	737	2130
NaCl-NaF	675	675	567, 568, 1252, 1711, 3206
NaCl-Na ₂ TiF ₆	* 42.1	569	2003
NaCl-ThF ₄	48	712	1106
NaCl-ZrF ₄	55	415	1987
PbCl ₂ -PbF ₂	90	454	3544
PbCl ₂ -PbF ₂	25	554	3544
SrCl ₂ -SrF ₂	87	753	1778, 2242
SrCl ₂ -SrF ₂	37	962	1778, 2242

* Data recalculated from units as given in original reference.

Group: Chloride-Bromide

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{AlCl}_3\text{-AlBr}_3$	* 35	73	571
$\text{CdCl}_2\text{-PbBr}_2$	20	340	1481
KCl-KBr	40	734	2786, 1329
$\text{PbCl}_2\text{-CdBr}_2$	72	367	1481
$\text{PbCl}_2\text{-PbBr}_2$	64	380	1093, 1158, 1862, 2228, 3266
TlCl-TlBr	65	425	1329

* Data recalculated from units as given in original reference.

Group: Chloride-Iodide

System	Composition mol %	Eutectic M.P., °C	Reference No.
AgCl-AgI	53.5	264	2638
AgCl-KCl-AgI	43-4-53	240	2638
CdCl ₂ -CdI ₂	30	359	567, 1479, 1569
CdCl ₂ -CdI ₂ -PbI ₂	33-13-54	276	1479
CdCl ₂ -CdI ₂ -TlI	24.5-43.5-32.0	210	3476
CdCl ₂ -NaCl-CdI ₂	* 24.4-12.2-63.4	344	1569
CdCl ₂ -PbCl ₂ -PbI ₂	31.5-37-31.5	295	1479
CdCl ₂ -TlCl-TlI	* 15.3-54.2-30.5	260	3476
CdCl ₂ -TlI	42.5	270	3476
CuCl-CuI	57	284	567
KCl-KI	49	598	981, 1158, 2638
KCl-KI-PbI ₂	* 4.8-33.2-61.9	278	1677
KCl-PbCl ₂ -PbI ₂	* 31.2-27.8-40.9	270	2229
NaCl-CdI ₂ -NaI	* 36.2-36.2-27.5	285	1569
NaCl-NaI	36	578	1158, 1569, 1571
NaCl-NaI-PbI ₂	* 8.5-21.3-70.2	370	1571
NaCl-PbCl ₂ -PbI ₂	* 7.7-50.0-42.3	348	1571
NaCl-PbCl ₂ -PbI ₂	* 9.5-25.7-64.7	330	1571
NaCl-PbI ₂	* 15.7	380	1571
PbCl ₂ -PbI ₂	35	326	1158, 2228
PbCl ₂ -PbI ₂	64	338	1158, 2228
TlCl-CdI ₂	* 66.6	300 m	3476
TlCl-TlI	52.5	316	3476
ZrCl ₄ -ZrI ₄	~58	~368 m	3509

* Data recalculated from units as given in original reference.

Group: Chloride-Nitrate

System	Composition mol %	Eutectic M.P., °C	Reference No.
AgCl-AgNO ₃	18.5	176	567, 568, 1194, 1625, 1688
AgCl-AgNO ₃ - Ca(NO ₃) ₂	* 18.5-78.3-3.1	172	1238
AgCl-AgNO ₃ -KNO ₃	2.8-59.5-37.7	113	1688
AgCl-CaCl ₂ - Ca(NO ₃) ₂	* 83-14-2.9	445	1238
AgCl-KCl-KNO ₃	0.39-5.61-94.0	315	1688
AgCl-LiCl-LiNO ₃	0.5-12-87.5	250	1745
BaCl ₂ -Ba(NO ₃) ₂	37.3	497	90
BaCl ₂ -Ca(NO ₃) ₂	41.7	402	90
CaCl ₂ -Ca(NO ₃) ₂	42.5	409	90, 1238
CsCl-CsNO ₃	30.4	362	1652
HgCl ₂ -TlNO ₃	12.8	176	2018
HgCl ₂ -TlNO ₃	37	192	2018
HgCl ₂ -TlNO ₃	58.5	197	2018
KCl-KNO ₃	6	320	1625, 1688, 2837
LiCl-LiNO ₃	12.5	244	2950
NaCl-Ba(NO ₃) ₂	38	408	1503
NaCl-Ba(NO ₃) ₂ -NaNO ₃	* 7.9-5.8-86.2	280	2229
NaCl-NaNO ₃	5	298	567, 568
SrCl ₂ -AgNO ₃	0.5	206	1238
SrCl ₂ -Sr(NO ₃) ₂	53	482	1330, 2950

* Data recalculated from units as given in original reference.

Group: Chloride-Sulfate

System	Composition mol %	Eutectic M.P., °C	Reference No.
AgCl-Ag ₂ SO ₄	* 69.3	304	1259, 1890
AgCl-Ag ₂ SO ₄ -Li ₂ SO ₄		290	1890
CaCl ₂ -CaSO ₄	87.5	708	1675, 3702
CaCl ₂ -KCl-CaSO ₄	* 24.-73.4-2.5	580	1675
CaCl ₂ -KCl-CaSO ₄	* 69.7-24.5-5.7	604	1675
CdCl ₂ -CdSO ₄	85	540	1525, 1636, 1640, 1686
CdCl ₂ -KCl-CdSO ₄	* 28.7-64.9-6.4	354	1636
CdCl ₂ -KCl-CdSO ₄	* 25.0-59.1-15.8	370	1636
CdCl ₂ -KCl-CdSO ₄	* 47.6-38.7-13.7	352	1636
CdCl ₂ -CdSO ₄ -Li ₂ SO ₄		512	1686
CdCl ₂ -Li ₂ SO ₄	96.5	543	1686
CdCl ₂ -NaCl-CdSO ₄	* 32.-54.5-13.5	358	1525
CdCl ₂ -NaCl-CdSO ₄	* 35.5-29-35.5	475	1525
CdCl ₂ -TlCl-CdSO ₄	* 63.3-33.3-3.3	390	1723
CdCl ₂ -TlCl-CdSO ₄	* 16-76.5-7.4	290	1723
CoCl ₂ -CoSO ₄	70	658	1687, 2228
CoCl ₂ -CoSO ₄ -Li ₂ SO ₄	54.-16-30	507	1687
CoCl ₂ -LiCl-Li ₂ SO ₄	* 13.9-61.1-25.	452	1687
CoCl ₂ -Li ₂ SO ₄	35	548	1687
CsCl-Cs ₂ SO ₄	* 83	553	1658
CsCl-LiCl-Li ₂ SO ₄	* 44.3-53.9-1.7	326	1658
KCl-CaSO ₄	* 82	687	1675, 3128
KCl-CaSO ₄ -K ₂ SO ₄	* 79-18-3	675	1675
KCl-CaSO ₄ -K ₂ SO ₄	* 58.1-13.5-28.4	644	1675
KCl-K ₂ SO ₄	* 76.7	690	1321, 1767, 3052

* Data recalculated from units as given in original reference.

Group: Chloride-Sulfate (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
KCl-K ₂ SO ₄ -Li ₂ SO ₄	* 47.9-26-26	585	1641
KCl-LiCl-Li ₂ SO ₄	* 38.9-57.1-3.9	324	1085
KCl-Li ₂ SO ₄	* 48.5	456	1085, 1641
KCl-NaCl-CaSO ₄	* 42.6-47-10.5	605	3128
KCl-NaCl-Li ₂ SO ₄	* 34.0-24.1-41.8	426	1085, 1763
KCl-NaCl-Na ₂ SO ₄	* 55.1-3.5-41.3	514	1767
KCl-Na ₂ SO ₄	* 60.9	517.1	2234
LiCl-CaSO ₄	* 85.7	533	3702
LiCl-Li ₂ SO ₄	* 63.5	478	1085, 1635, 1642, 1658, 1687, 2401
LiCl-NaCl-Li ₂ SO ₄	* 54.8-16.1-29	458	1085
LiCl-NiCl ₂ -Li ₂ SO ₄	* 68.4-2.6-28.9	473	1673
LiCl-NiSO ₄	* 89.5	595	1673
LiCl-NiSO ₄	* 56.1	780	1673
LiCl-SrSO ₄	* 85.7	524	3359
LiCl-TlCl-Li ₂ SO ₄	* 34.2-65.3-.5	326	1646
LiCl-ZnCl ₂ -Li ₂ SO ₄	* 23.-76.5-.44	285	1824
MgCl ₂ -MgSO ₄	81	657	568
NaCl-CaSO ₄	* 82.3	726	3128
NaCl-Li ₂ SO ₄	* 41.3	499	1085, 1635, 1769
NaCl-Na ₂ SO ₄	* 51.8	628	1472, 1767
NiCl ₂ -Li ₂ SO ₄	13.5	620	1673
NiCl ₂ -Li ₂ SO ₄ -Ni ₂ SO ₄	7.5-70.5-22.0	596	1673
PbCl ₂ -PbSO ₄	96.5	472	1259
SrCl ₂ -SrSO ₄	86	762	3359
TlCl-CdSO ₄	* 47.3	316	1723
TlCl-CdSO ₄ -Tl ₂ SO ₄	* 72.6- 19.7-7.6	304	1723

* Data recalculated from units as given in original reference.

Group: Chloride-Sulfate (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
TlCl-Li ₂ SO ₄	* 98.9	428	1646
TlCl-Li ₂ SO ₄ - Tl ₂ SO ₄	* 80.9-1.2-17.8	338	1646
TlCl-Li ₂ SO ₄ - Tl ₂ SO ₄	* 79.5-1.8-18.7	330	1646
TlCl-Na ₂ SO ₄	* 98.5	427	3532
TlCl-Tl ₂ SO ₄	* 77.3	358	1723
ZnCl ₂ -Li ₂ SO ₄	99	310	1824
ZnCl ₂ -Li ₂ SO ₄ -ZnSO ₄	90.3-0.7-9.0	293	1824
ZnCl ₂ -ZnSO ₄	90	300	1824

* Data recalculated from units as given in original reference.

Group: Chloride-Others

System	Composition mol %	Eutectic M.P., °C	Reference No.
AgCl-Ag ₂ CrO ₄	* 73	354	3369
AgCl-Ag ₂ CrO ₄ - Li ₂ CrO ₄	* 74.4-20.5-5.0	336	3369
AgCl-Ag ₂ S	65	380	3148
AgCl-Ag ₂ WO ₄	* 82.3	390	3370
AgCl-KVO ₃	98.5	428	82
AgCl-Li ₂ CrO ₄	* 98.9	424	3369
AgCl-LiVO ₃	99.5	436	82
AgCl-Li ₂ WO ₄	99	449	82
AgCl-Na ₂ CrO ₄	97.5	442	82
AgCl-Na ₂ MoO ₄	97.5	436	82
AgCl-NaVO ₃	99	431	82
AgCl-Na ₂ WO ₄	98	444	82
BaCl ₂ -BaCO ₃	82.5	860	1197
BaCl ₂ -BaCO ₃ - BaTiO ₃	79.5-11.25-9.25	811	1197
BaCl ₂ -BaO	87.5	899	3110
BaCl ₂ -BaTiO ₃	97.5	938	3261
BaCl ₂ -NaCl-BaTiO ₃	* 34.6-64.4-1.	624	1520
BCl ₃ -POCl ₃	50	83.8	3508
CaCl ₂ -CaCO ₃	70	622	1697
CaCl ₂ -CaO	94	757	3110
CaCl ₂ -CaO	(70-77.5)	800	3110
CaCl ₂ -CaSiO ₃	99	766	568
CaCl ₂ -KCl-K ₂ SO ₄	* 45.5-45.5-9	696	1675
CaCl ₂ -KCl-K ₂ SO ₄	* 35.4-57.4-7.5	642	1675
CaCl ₂ -KCl-K ₂ SO ₄	* 27.6-67.4-5	588	1675

* Data recalculated from units as given in original reference.

Group: Chloride-Others (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{CdCl}_2\text{-CdMoO}_4$	4.5	553	3371
$\text{CdCl}_2\text{-LiCl-}$ Li_2MoO_4	* 62.5-14.8-22.7	434	3371
$\text{CdCl}_2\text{-Li}_3\text{VO}_4$	85	464	3371
$\text{CuCl-Cu}_2\text{S}$	* 89.2	392 e?	3565
KCl-KBO_2	* 84.4	715	1230
$\text{KCl-KBO}_2\text{-K}_2\text{WO}_4$	* 55.-10.7-34.2	604	1230
$\text{KCl-K}_2\text{B}_4\text{O}_7$	* 50.2	738	1964
$\text{KCl-K}_2\text{B}_4\text{O}_7\text{-}$ $\text{Na}_2\text{B}_4\text{O}_7$	* 42.-11.8-46.2	612	1644
$\text{KCl-K}_2\text{B}_4\text{O}_7\text{-}$ $\text{Na}_2\text{B}_4\text{O}_7$	* 16.5-23.8-59.6	620	1644
KCl-KClO_3	13.1	345	2837
KCl-KCNS	3.4	173	1340, 1495
$\text{KCl-K}_2\text{CO}_3$	65	636	568, 2979
$\text{KCl-K}_2\text{CO}_3\text{-Na}_2\text{CO}_3$	* 42.5-43.3-18.1	558	1943, 3205
$\text{KCl-K}_2\text{CrO}_4$	* 68.4	650	1711, 3116
$\text{KCl-K}_2\text{Cr}_2\text{O}_7$	27.5	366	2913
$\text{KCl-KF-K}_2\text{CO}_3$	* 42.9-34.3-22.7	528	3206
$\text{KCl-KF-K}_2\text{CrO}_4$	* 40.7-29.6-29.6	588	3116
$\text{KCl-K}_2\text{MoO}_4$	* 63	622	1587, 2249
$\text{KCl-KNO}_3\text{-KClO}_3$	6.9-74.5-18.6	298	2837
KCl-KOH-LiOH	6.0-64.0-30.0	228	2959
KCl-KPO_3	20	620	2984
$\text{KCl-K}_3\text{PO}_4$	85	720	2984
$\text{KCl-K}_4\text{P}_2\text{O}_7$	85	735	2984
$\text{KCl-K}_2\text{SO}_4\text{-KBO}_2$	56-14-30	640	1441

* Data recalculated from units as given in original reference.

Group: Chloride-Others (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
KCl-K ₂ SO ₄ -KCNS	3.4-0.2-96.4	168	1340
KCl-K ₂ SO ₄ -K ₂ WO ₄	44-12-44	600	1317
KCl-K ₂ SO ₄ -K ₂ WO ₄ - Li ₂ WO ₄	* 13.3-11.1-37.8- 37.8	490 ?	1641
KCl-K ₂ SO ₄ -Li ₂ SO ₄ - K ₂ WO ₄ -Li ₂ WO ₄	* 23-14.1-14.1- 24.3-24.3	480	1641
KCl-K ₂ SO ₄ -Na ₂ CO ₃	* 47.3-34-18.7	546	1321
KCl-KVO ₃	17	492	1506
KCl-K ₂ WO ₄	* 61.6	618	1317, 2401
KCl-K ₂ WO ₄ -Li ₂ WO ₄	* 27.6-36.2-36.2	514	1641
KCl-LiCl-LiOH	11.5-45.0-43.5	280	2959
KCl-LiCl-LiOH	1.5-36.5-62.0	283	2959
KCl-LiCl-TeO ₂	* 29.2-53.8-16.9	347	1603
KCl-Li ₂ SO ₄ -Li ₂ WO ₄	* 40-48-12	436 ?	1641
KCl-Li ₂ WO ₄	* 61	532	1641
KCl-Na ₂ B ₄ O ₇	27.5	660	2229
KCl-NaCl-Na ₂ CO ₃	* 36.8-36.2-27.0	560	1943, 3205
KCl-Na ₂ CO ₃	* 55.6	588	1321, 3205
KCl-NaF-K ₂ CrO ₄	* 55.-20-25	580	1711
LiCl-CdWO ₄	* 85.1	493	3371
LiCl-LiBO ₂	81	572	1231
LiCl-LiBO ₂ -Li ₂ WO ₄	* 49.6-5.3-45.1	482	1231
LiCl-Li ₂ CO ₃	61	507	1936
LiCl-Li ₂ CrO ₄	* 45	350	3369
LiCl-Li ₂ MoO ₄	* 58.1	498	3371
LiCl-LiOH	37	262	2959

* Data recalculated from units as given in original reference.

Group: Chloride-Others (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
LiCl-Li ₂ SO ₄ -Li ₂ CO ₃	* 52.9-27.2-19.8	455	1963
LiCl-Li ₂ SO ₄ -Li ₂ WO ₄	* 63.9-21.7-14.3	444	1642
LiCl-Li ₃ VO ₄	97	598	2250
LiCl-Li ₂ WO ₄	58.5	490	1642, 2401
NaCl-BaCO ₃	76	814	1633
NaCl-BaCO ₃	53	734	1633
NaCl-K ₂ B ₄ O ₇	* 76.5	~656 m	1644
NaCl-KCNS	3	169	1340
NaCl-K ₂ MoO ₄ - Na ₂ MoO ₄	* 59.1-33.1-7.7	507	2249
NaCl-K ₂ WO ₄ -Na ₂ WO ₄	* 55.6-31.4-13	508	1536
NaCl-K ₂ WO ₄ -Na ₂ WO ₄	* 29.2-23.6-47.2	559	1536
NaCl-Na ₂ B ₄ O ₇	* 13.9	694	1644
NaCl-NaCNS	4.8	302	1340, 1495
NaCl-Na ₂ CO ₃	* 76.9	634	1472, 1939
NaCl-Na ₂ CO ₃ -NaOH	6-6.6-87.3	291	1266
NaCl-Na ₂ CO ₃ -NaOH	7.8-6.4-85.8	282	1266
NaCl-NaF-Na ₂ CO ₃	* 42.5-20.5-37	575	3206
NaCl-Na ₂ MoO ₄	* 59.1	628	1587, 2249
NaCl-Na ₂ MoO ₄	* 31.9	606	1587, 2249
NaCl-NaNO ₂	1.1	281	567
NaCl-Na ₂ O	~75	700	333
NaCl-Na ₄ P ₂ O ₇	77.8	725	796, 1951
NaCl-Na ₂ SO ₄ -KCNS	3-0.3-96.7	166	1340
NaCl-Na ₂ SO ₄ -NaCNS	4.2-1.0-94.8	293	1340
NaCl-Na ₂ SO ₄ -Na ₂ CO ₃	* 51.8-24.1-24.1	612 m	1472
NaCl-Na ₂ TiO ₃	* 99.5	796	1233

* Data recalculated from units as given in original reference.

Group: Chloride-Others (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
NaCl-NaVO ₃	23	590	1506
NaCl-Na ₂ WO ₄	* 19	637	1536
NaCl-Na ₂ WO ₄	* 82	622	1536
NaCl-PbCl ₂ -PbS	* 24.6-68.-7.4	392	3229
NaCl-PbO	* 99.6	796	82
PbCl ₂ -LiCl-Li ₃ VO ₄	* 71.6-23.5-4.8	392	2250
PbCl ₂ -Li ₃ VO ₄ - Pb ₃ (VO ₄) ₂	* 2.3-40.6-57	713	2250
PbCl ₂ -PbS	* 75.3	441	3229, 3565
RbCl-PbO	* 99.6	717	82
SrCl ₂ -SrO	72	950	3110
SrCl ₂ -SrO	95	825	3110
TiCl ₄ -VOCl ₃	* 18.6	-88	2822
VC1 ₄ -VOCl ₃	* 27.8	-86.5	2822
ZrCl ₄ -POCl ₃	40.25	162.5	2912
ZrCl ₄ -POCl ₃	56.5	175.3	2912

* Data recalculated from units as given in original reference.

Group: Cesium Fluoride-Fluoride

System	Composition mol %	Eutectic M.P., °C	Reference No.
AlF ₃ -CsF	5.5	685	2993
CsF-HF	54.7	151.5	2510
CsF-HF	36.1	38.3	2510
CsF-Hf	29.1	16.9	2510
CsF-HF	17.2	-49.5	2510
CsF-LiF	64	470 ± 5	1807
CsF-NaF	80	615	3391
CsF-NaF	76	610	1807
CsF-PbF ₂	29	565	1721
CsF-PbF ₂	72	500	1721
CsF-ThF ₄	91	615	2199
CsF-ThF ₄	69.5	838	2199
CsF-ThF ₄	60	775	2199
CsF-ThF ₄	47	797	2199

Group: Potassium Fluoride-Fluoride

System	Composition mol %	Eutectic M.P., °C	Reference No.
AlF ₃ -KF	6	840	2738
AlF ₃ -KF	45	565	2738
AlF ₃ -KF	7.5	837	2993
AlF ₃ -KF	40	568	2993
BaF ₂ -CaF ₂ -KF	22-9-69	680	171
BaF ₂ -KF	27	729	85, 171, 699, 2016
BaF ₂ -KF-LiF	3-47-50	472	85, 2016
BaF ₂ -KF-LiF-NaF	1.78-41.20- 45.73-11.29	438	85
BaF ₂ -KF-NaF	19-54-27	658	85
BaF ₂ -KF-SrF ₂	16-69-15	688 m	699
BaF ₂ -NaF	37	812	85, 171, 699, 1169, 1469, 2016
BeF ₂ -KF	18	700	1535
BeF ₂ -KF	~48	405 ± 5	1535
BeF ₂ -KF	62	340 ± 5	1535
BeF ₂ -KF	19	705 ± 5	189
BeF ₂ -KF-LaF ₃	5-78-17	610 ± 5	189
BeF ₂ -KF-LaF ₃	32.7-65.3-2	770	189
CaF ₂ -KF	54.4	1054	171, 1392, 2031, 2033, 3673
CaF ₂ -KF	24	780	171, 1392, 2031, 2918, 2033, 3673
CaF ₂ -KF	62.5	1060	2918, 171, 1392, 2031, 2033, 3673
CaF ₂ -KF	15.4	782	2918, 171, 1392, 2031, 2033, 3673
CaF ₂ -KF-LiF	2.3-48.6-49.1	490	2031
CaF ₂ -KF-LiF-NaF	1.5-41.2-45.6- 11.7	444	2031

Group: Potassium Fluoride-Fluoride (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
CaF ₂ -KF-NaF	29-16-55	759	2031, 2033
CaF ₂ -KF-NaF	10-62-38	676	2031, 2033, 2918
CaF ₂ -KF-NaF	7-54-39	682	2918, 2031, 2033
CaF ₂ -KF-SrF ₂	7.72-76.54-15.74	699	1392
HF-KF	48.60	229.5	2511
KF-LaF ₃	80	630 ± 5	189
KF-LiF	50	476-492	85, 140, 1090, 1198, 1509, 2015, 2016, 2031
KF-LiF-NaF	42-46.5-11.5	454	85, 200, 444, 1198, 1838, 2031
KF-LiF-NaF	42-46.5-11.5	457	444
KF-LiF-SrF ₂	46.5-50.1-3.4	483	2015
KF-MgF ₂	31	1008	2333, 2305, 2896
KF-MgF ₂	85	778	2333, 2305, 2896
KF-MgF ₂ -NaF	13.5-53.5-33.0	975	2305
KF-MgF ₂ -NaF	15-22.5-62.5	798	2305
KF-MgF ₂ -NaF	59.0-6.5-34.5	685	2305
KF-NaF	59.5-60	699-722	85, 471, 567, 568, 633, 1198, 1507, 1529, 1643, 1691, 1726, 2015, 2031, 2033, 2305, 2918
KF-NaF-SrF ₂	46.8-36.2-17.0	664	2015
KF-NaF-ThF ₄	15.5-69-15.5	570	1107
KF-NiF ₂	90.8	797	1743
KF-NiF ₂	34.5	1084	1743
KF-PbF ₂	58	465	1721
KF-PbF ₂	59.6	460	1672, 1721
KF-SrF ₂	78	744	699, 1392, 2015

Group: Potassium Fluoride-Fluoride (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
KF-ThF ₄	86	694	2632, 1107
KF-ThF ₄	69	691	2632, 1107
KF-ThF ₄	44	875	2632, 1107
KF-ThF ₄	22	980	2632, 1107
KF-ThF ₄	~86	662	1107, 2632
KF-ThF ₄	34	741	1107, 2632
KF-ThF ₄	47	865	1107, 2632
KF-ThF ₄	54	860	1107, 2632
KF-ZnF ₂	20	748	2903
KF-ZnF ₂	76	683	2903
KF-ZrF ₄	94.6	766	3392

Group: Lithium Fluoride-Fluoride

System	Composition mol %	Eutectic M.P., °C	Reference No.
AlF ₃ -LiF	15	715	2738
AlF ₃ -LiF	36	710	2738
AlF ₃ -LiF	37	691	1267, 2738, 2993
AlF ₃ -LiF	14.5	706	1267, 2738, 2993
BaF ₂ -CaF ₂ -LiF	16-17-67	710	170
BaF ₂ -CaF ₂ -LiF-MgF ₂ *	15.4-11.5-47.2- 25.8	603 m	3420
BaF ₂ -LiF	19	760	85, 170, 1336, 1657, 2016
BaF ₂ -LiF-MgF ₂	22-52-26	654	1253
BaF ₂ -LiF-MgF ₂	46-29-25	748	1253
BaF ₂ -LiF-NaF	7-54.5-38.5	621	85, 2016
BaF ₂ -LiF-SrF ₂	17-69-14	721	1336
BeF ₂ -LiF	52	356	1110, 1838, 3661
BeF ₂ -LiF	20	456	1110, 1838, 3661
BeF ₂ -LiF	33.3	456	1110, 1838, 3661
BeF ₂ -LiF-ThF ₄	51.5-47.0-1.5	356	2200
CaF ₂ -LiF	~22	760 ± 5	170, 1249, 1500, 1656, 1803, 1807
CaF ₂ -LiF-MgF ₂	13.1-59.0-27.9	672	1249, 1500
CaF ₂ -LiF-MgF ₂	12-64-24	676	1249, 1500
CaF ₂ -LiF-NaF	11.1-51.1-37.8	607	1803, 2031
CaF ₂ -LiF-SrF ₂	13-73-14	740	3332
LiF-MgF ₂	64	735	1111, 1249, 1336, 2292
LiF-MgF ₂	67	742 m	2292
LiF-MgF ₂	71	742 m	1111, 1249, 1336, 2292

* Data recalculated from units as given in original reference.

Group: Lithium Fluoride-Fluoride (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
LiF-MgF ₂	71	743 m	1249
LiF-MgF ₂ -NaF	47-10-43	630	2292
LiF-MgF ₂ -NaF	59-29-12	684	2292
LiF-MgF ₂ -NaF	62-19-19	708	2292
LiF-MgF ₂ -SrF ₂	53-29-18	646	1336
LiF-Na ₃ AlF ₆	* 83.5	700	1538
LiF-NaF	61	632	1237
LiF-NaF	61	652	85, 1198, 1803, 1836, 2015, 2016, 2031
LiF-NaF-SrF ₂	55-36-9	624	2015
LiF-PuF ₃	80.5	743 ± 2	3353
LiF-SrF ₂	80	761	1336, 1778
LiF-ThF ₄	77	565	1367, 1838, 1966
LiF-ThF ₄	71	568	1367, 1966
LiF-ThF ₄	78	570	1838
LiF-ThF ₄	71	560	1367, 1838, 1966
LiF-YF ₃	81	695	3396

* Data recalculated from units as given in original reference.

Group: Sodium Fluoride-Fluoride

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{AlF}_3\text{-Na}_3\text{AlF}_6$	* 62.5	693-694	1205, 3260, 3357
$\text{AlF}_3\text{-NaF}$	* 46.6	685	2117, 588
$\text{AlF}_3\text{-NaF}$	* 62.5	885	1034
$\text{AlF}_3\text{-NaF}$	25	885	588, 1034, 1039, 1267, 2117, 2312
$\text{AlF}_3\text{-NaF}$	63.5	670	
$\text{BaF}_2\text{-CaF}_2\text{-NaF}$	25-26-49	738	171
$\text{BaF}_2\text{-Na}_3\text{AlF}_6$	66.7	835	3256
$\text{BaF}_2\text{-NaF}$	37	812	85, 171, 699, 1169, 1469, 2016
$\text{BaF}_2\text{-NaF-SrF}_2$	21-61-18	804 m	699
$\text{CaF}_2\text{-Na}_3\text{AlF}_6$	* 49.5	940	1205, 2130, 3357
$\text{CaF}_2\text{-Na}_3\text{AlF}_6$	* 48.6	945	3357
$\text{CaF}_2\text{-NaF}$	32.5	810	171, 471, 1169, 1252, 1375, 1392, 1803, 2031, 2033, 2918
$\text{CaF}_2\text{-NaF}$	34	818	1252, 1803, 2918
$\text{CaF}_2\text{-NaF}$	32	818	171, 1392, 2031 2033
$\text{CaF}_2\text{-NaF-SrF}_2$	24-65-11	804 m	1392
$\text{CdF}_2\text{-NaF}$	47	660	568
$\text{Li}_3\text{AlF}_6\text{-Na}_3\text{AlF}_6$	* 67.9	710	1487, 1267
$\text{MgF}_2\text{-NaF}$	25	830	2292
$\text{MgF}_2\text{-NaF}$	36	1000	2292
$\text{MgF}_2\text{-NaF}$	25	816	2305, 2292
$\text{MgF}_2\text{-NaF}$	36	987	2305, 2292
$\text{Na}_3\text{AlF}_6\text{-NaF}$	60	882	1205, 3260
NaF-PbF_2	32	498	1671, 1721

* Data recalculated from units as given in original reference.

Group: Sodium Fluoride-Fluoride (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
NaF-RbF	33	644	1554
NaF-SrF ₂	(68-73)	856	699, 1169, 1392, 1653, 2015
NaF-ThF ₄	77.5	618	1107, 1966
NaF-ThF ₄	63	690	1107, 1966
NaF-ThF ₄	59	705	1107, 1966
NaF-ThF ₄	76	620	1107
NaF-ThF ₄	63-64	700	1107
NaF-ThF ₄	46.5	750	1107, 1966
NaF-ZrF ₄	56	470	64, 200, 1126, 1128, 1838, 1987
NaF-ZrF ₄	48	485	64, 200, 1126, 1128, 1838, 1987
NaF-ZrF ₄	59.5	500	
NaF-ZrF ₄	50.5	512	64, 200, 1126, 1128, 1838, 1987
NaF-ZrF ₄	80	747	64, 200, 1126, 1128, 1838, 1987
NaF-ZrF ₄	81	755	64, 200, 1126, 1128, 1838, 1987

Group: Rubidium Fluoride-Fluoride

System	Composition mol %	Eutectic M.P., °C	Reference No.
AlF ₃ -RbF	6.5	790	2993
MgF ₂ -RbF	22	700	2896
MgF ₂ -RbF	35	781	2896
MgF ₂ -RbF	65	875	2896
PbF ₂ -RbF	32	485	1721
PbF ₂ -RbF	55	550	1721
RbF-ZnF ₂	77	596	2903
RbF-ZnF ₂	35	667	2903

Group: Fluoride-Fluoride (Non-Alkali)

System	Composition mol %	Eutectic M.P., °C	Reference No.
AgF-ZnF ₂	86	380 m	2333
AgF-ZnF ₂	42	630	2333
BaF ₂ -BeF ₂	72	920	3065
BaF ₂ -BeF ₂	1-2	600	3065
BaF ₂ -CaF ₂	50	1022 m	171, 1655, 3668
BaF ₂ -CaF ₂ -MgF ₂	52-21-27	777	86
BaF ₂ -MgF ₂	60	912	86, 1253, 3303
BeF ₂ -CaF ₂	89	495	1111
BeF ₂ -MgF ₂	95	528	1111
BeF ₂ -PbF ₂	90	525	1113
BeF ₂ -PbF ₂	32	465	1113
BeF ₂ -PbF ₂	21	477	1113
BeF ₂ -ThF ₄	98	527	2200, 3346
CaF ₂ -MgF ₂	43.5	954	567
CaF ₂ -MgF ₂	43	954	86, 567, 568, 1249
CaF ₂ -MgF ₂	42	948	86
CaF ₂ -MgF ₂	42.4	948	86, 567, 568, 1249
CrF ₂ -CrF ₃	70	830	38

Group: Fluoride-Bromide

System	Composition mol %	Eutectic M.P., °C	Reference No.
KF-KBr	40	581	567, 568
NaF-NaBr	27	670	567, 568
PbF ₂ -PbBr ₂	7.5	349	3545
PbF ₂ -PbBr ₂	75	533	3545

Group: Fluoride-Iodide

System	Composition mol %	Eutectic M.P., °C	Reference No.
NaF-NaI	20	620	567, 568
PbF ₂ -PbI ₂	10	383	3545

Group: Fluoride-Nitrate

System	Composition mol %	Eutectic M.P., °C	Reference No.
KF-KNO ₃	9	298	1698
KF-NaF-KNO ₃	7-2.5-90.5	295	1698
NaF-NaNO ₃	3.5	304	1698

Group: Fluoride-Sulfate

System	Composition mol %	Eutectic M.P., °C	Reference No.
CsF-Cs ₂ SO ₄	84	648	1722
CsF-Cs ₂ SO ₄	46	793	1722
KF-K ₂ SO ₄	83	776	1470, 1672, 2401
KF-K ₂ SO ₄	43	865	1470
KF-K ₂ SO ₄	84	783	1672
KF-K ₂ SO ₄	42	864	1672
KF-K ₂ SO ₄	83	788	2401
KF-K ₂ SO ₄	41	883	2401
KF-PbF ₂ -PbSO ₄	60-38-2	440	1672
LiF-Li ₂ SO ₄	43	535	1722, 2401
LiF-Li ₂ SO ₄	44	532	1722, 2401
LiF-Li ₂ SO ₂ -PbSO ₄	41-49-10	508	1477
LiF-PbF ₂ -PbSO ₄	19-61-20	472	1477
Na ₃ AlF ₆ -Na ₂ SO ₄	9	798	1563
NaF-Na ₂ SO ₄	30	746	1470, 1554
NaF-Na ₂ SO ₄	61	779	1470
NaF-Na ₂ SO ₄	29	747	1554
NaF-Na ₂ SO ₄	64	772	1470, 1554
NaF-PbF ₂ -PbSO ₄	39.4-43.3-17.3	410	1671
NaF-PbF ₂ -PbSO ₄	19-55-26	440	1671
NaF-PbF ₂ -PbSO ₄	10-59-32.5	490	1671
NaF-Rb ₂ SO ₄	58	734	1554
PbF ₂ -K ₂ SO ₄	77.5	480	1672
PbF ₂ -K ₂ SO ₄ -PbSO ₄	63-25-12	440	1672
PbF ₂ -K ₂ SO ₄ -PbSO ₄	62-12-26	420	1672
PbF ₂ -PbSO ₄	73.5	520	1671, 1672
RbF-Rb ₂ SO ₄	78	726	1554, 1722

Group: Fluoride-Sulfate (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
RbF-Rb ₂ SO ₄	27	842	1554, 1722
RbF-Rb ₂ SO ₄	36	723	1722
RbF-Rb ₂ SO ₄	43	847	1554, 1722

Group: Fluoride-Others

System	Composition mol %	Eutectic M.P., °C	Reference No.
BaF ₂ -BaSiO ₃	58	1075	1657
BaF ₂ -LiF-Li ₂ SiO ₃	27-62-9	746	1657
BaF ₂ -LiF-Li ₂ SiO ₃	32-51-17	750	1657
BaF ₂ -LiF-Li ₂ SiO ₃	39-35-	746	1657
BaF ₂ -Li ₂ SiO ₃	51.5	760	1657
BF ₃ -N ₂ O	76.6	-138 ± .25	2533
BF ₃ -SO ₂	38	-97.15 ± .25	2533
BF ₃ -SO ₂	95.2	-128.6 ± .25	2533
CaF ₂ -CaO	76.5	1360	1202
CaF ₂ -CaO-P ₂ O ₅	* 62.-31-69	1183	2014
CaF ₂ -CaO-P ₂ O ₅	* 5.2-74.8-19.9	1560	2014
CaF ₂ -CaO-P ₂ O ₅	* 1.9-75.7-22.4	1550	2014
CaF ₂ -Ca ₃ (PO ₄) ₂	* 87.6	1203	2013
CaF ₂ -Ca ₃ (PO ₄) ₂	* 10.8	1620	2013
CaF ₂ -CaSiO ₃	53	1128	568, 3063
CaF ₂ -CaSiO ₃	48	1130	568, 3063
CaF ₂ -Na ₃ AlF ₆ - Al ₂ O ₃	* 27.3-56.6-16.1	923	1205, 2130, 3357
CaF ₂ -Na ₃ AlF ₆ - Al ₂ O ₃	* 40.7-54.9-4.3	933	1205, 2130, 3357
CsF-Cs ₂ CO ₃	57	530	1722
CsF-Cs ₂ CrO ₄	44	742	1605
CsF-Cs ₂ CrO ₄	81	641	1605
CsF-Cs ₂ MoO ₄	47	740	1605

* Data recalculated from units as given in original reference.

Group: Fluoride-Others (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
CsF-Cs ₂ MoO ₄	85	635	1605
CsF-Cs ₂ Ti ₂ O ₅	35	825	3166
CsF-Cs ₂ Ti ₂ O ₅	82	613	3166
CsF-Cs ₂ WO ₄	43	752	1605
CsF-Cs ₂ WO ₄	84	639	1605
KF-K ₂ B ₄ O ₇	56	712	1643
KF-K ₂ CO ₃	60	678	1470, 2979, 3206
KF-K ₂ CO ₃	48	686	1470, 2979, 3206
KF-K ₂ CO ₃	60	682	2979
KF-K ₂ CO ₃	46	688	2979
KF-K ₂ CO ₃	47	688	3206
KF-K ₂ CrO ₄	77	732	1605, 3116
KF-K ₂ CrO ₄	47	764	1605, 3116
KF-K ₂ CrO ₄	70	732	1605
KF-K ₂ CrO ₄	47	758	1605, 3116
KF-K ₂ MoO ₄	40	749	1605
KF-K ₂ MoO ₄	43	745	1607, 1691, 1903
KF-K ₂ MoO ₄	44	745	1691
KF-K ₂ MoO ₄	71	722	1691
KF-K ₂ MoO ₄	70	722	1607, 1903
KF-KPO ₃	80	742	2981
KF-KPO ₃	18	604	2981
KF-K ₃ PO ₄	80	766	2981
KF-K ₄ P ₂ O ₇	80	730	2981
KF-K ₂ SiO ₃	53	730	1090
KF-K ₂ SiO ₃ -Na ₂ SiO ₃	59-15-26	628	1290
KF-K ₂ SiO ₃ -Na ₂ SiO ₃	43-37-20	628	1290

Group: Fluoride-Others (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
KF-K ₂ SiO ₃ -Na ₂ SiO ₃	36-50.5-13.5	626	1290
KF-K ₂ TiO ₃	58	752	1509
KF-K ₂ TiO ₃	58	758	1726
KF-K ₂ TiO ₅	77	825	3166
KF-K ₂ TiO ₃ -Li ₂ TiO ₃	65-23-12	640	1509
KF-K ₂ TiO ₃ -Na ₂ TiO ₃	45-23-32	682	1726
KF-KVO ₃	12	492	1507
KF-K ₂ WO ₄	44	760	1586, 1903, 2401
KF-K ₂ WO ₄	73	728	1586, 1903, 2401
KF-LiF-K ₂ SiO ₃	15.5-55.5-29	540	1090
KF-LiF-K ₂ SiO ₃	36-11-53	644	1090
KF-LiF-K ₂ WO ₄	46.7-51.8-1.5	482	2101
KF-LiF-Li ₂ TiO ₃	79-12-9	652	1509
KF-Li ₂ TiO ₃	84	660	1509
KF-NaF-K ₂ B ₄ O ₇	15.2-40.4-44.4	658	1643
KF-NaF-K ₂ B ₄ O ₇	43.2-29.8-27.0	632	1643
KF-NaF-K ₂ CO ₃	8-30-62	558	3205
KF-NaF-K ₂ MoO ₄	23-32-45	672	1691
KF-NaF-K ₂ MoO ₄	32-28-21	648	1691
KF-NaF-KVO ₃	11-2-87	484	1507
KF-NaF-K ₂ WO ₄	20-39-41	664	1586
KF-NaF-K ₂ WO ₄	53-27-20	645	1586
KF-Na ₂ MoO ₄	84	688	1691
KF-Na ₂ MoO ₄	19	598	1691
KF-PbTiO ₃	94	845	2237
K ₂ TiF ₆ -TiO ₂	* 81.5	681	558

* Data recalculated from units as given in original reference.

Group: Fluoride-Others (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
LiF-K ₂ WO ₄	58	648	2101
LiF-K ₂ WO ₄ -Li ₂ WO ₄	26-29-45	530	2101
LiF-K ₂ WO ₄ -Li ₂ WO ₄	37-45-18	535	2101
LiF-Li ₂ CO ₃	49	608	1722
LiF-Li ₂ CrO ₄	25	460	1903
LiF-Li ₂ MoO ₄	38	617	1605
LiF-Li ₄ P ₂ O ₇	93	776	1836
LiF-Li ₂ SiO ₃	97.5	840	1657
LiF-Li ₂ WO ₄	51	636	2401
LiF-NaF-Li ₄ P ₂ O ₇	18-69-13	580	1836
MgF ₂ -MgO	91	1214	3361
MgF ₂ -MgO-SiO ₂	85-10-5	1215	3361
MgF ₂ -MgO-SiO ₂	82-14-4	1192	3361
MgF ₂ -Na ₃ AlF ₆ -Al ₂ O ₃ *	36.8-56.6-6.5	909	1505
Na ₃ AlF ₆ -Al ₂ O ₃	* 80.5	961	1205, 1375, 1833, 3663
Na ₃ AlF ₆ -Al ₂ O ₃	* 81.4	962	3663
Na ₃ AlF ₆ -BeO	* 66.7	898	1538
Na ₃ AlF ₆ -CaO	66.7	896	1565, 2380
Na ₃ AlF ₆ -CdO	90.4	971	2379, 2380
Na ₃ AlF ₆ -Li ₂ O	* 75.1	890	1538
Na ₃ AlF ₆ -MgO	70	905	1565, 2380
Na ₃ AlF ₆ -NaF-TiO ₂	* 22.5-71.3-6.1	875	1034
Na ₃ AlF ₆ -TiO ₂	90.2	970	2379, 2380
Na ₃ AlF ₆ -ZnO	92.8	974	2379, 2380
Na ₃ AlF ₆ -ZrO ₂	86	971	2399

* Data recalculated from units as given in original reference.

Group: Fluoride-Others (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
NaF-K ₂ B ₄ O ₇ -Na ₂ B ₄ O ₇	30-32-38	633	1643
NaF-K ₂ CO ₃	51	568	3205
NaF-K ₂ CO ₃ -Na ₂ CO ₃	32-42-26	562	3205
NaF-K ₂ MoO ₄ -Na ₂ MoO ₄	25-16-59	593	1691
NaF-K ₂ WO ₄ -Na ₂ WO ₄	18-9-73	578	1586
NaF-Li ₄ P ₂ O ₇	84	620	1343, 1836
NaF-Li ₄ P ₂ O ₇ -Na ₄ P ₂ O ₇	71-13-16	582	1838
NaF-Li ₂ TiO ₃	87	874	1237
NaF-Li ₂ TiO ₃ -Na ₂ TiO ₃	71-11-18	870	1237
NaF-Li ₂ TiO ₃ -Na ₂ TiO ₃	21.4-10.3-68.3	917	1237
NaF-Na ₂ B ₄ O ₇	33	680	1643, 1960
NaF-Na ₂ CO ₃	40	690	1470, 3206
NaF-Na ₂ CO ₃	38.66	690	2979
NaF-Na ₂ CO ₃ -Na ₂ SO ₄	37.4-37.4-25.2	658	1470
NaF-Na ₂ CrO ₄	35	648	1605
NaF-Na ₂ MoO ₄	20	614	1605, 1691, 1903
NaF-Na ₂ MoO ₄	20	611	1605, 1691, 1903
NaF-Na ₂ MoO ₄	15	627	1605, 1691, 1903
NaF-Na ₄ P ₂ O ₇	51	734	1836
NaF-Na ₂ SiO ₃	59	896	1789
NaF-Na ₂ TiO ₃	52	898	1237, 1726
NaF-Na ₂ TiO ₃	52	880	1726
NaF-Na ₂ TiO ₃	33	896	1726
NaF-NaVO ₃	17.5	596	1507
NaF-Na ₂ WO ₄	11	650	1586
NaF-Na ₂ WO ₄	23	650	1903

Group: Fluoride-Others (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
NaF-Na ₂ WO ₄	20	635	1605
NaF-PbTiO ₃	99	980	2237
NaF-TiO ₂	79	967	1034
PbF ₂ -PbO	54	494	568
RbF-Rb ₂ CO ₃	66	616	1722
RbF-Rb ₂ CO ₃	49	627	1722
RbF-Rb ₂ MoO ₄	41	756	1605
RbF-Rb ₂ MoO ₄	77	690	1605
RbF-Rb ₂ Ti ₂ O ₅	30	820	3166
RbF-Rb ₂ Ti ₂ O ₅	93	780	3166
RbF-Rb ₂ WO ₄	43	769	1605
RbF-Rb ₂ WO ₄	80	729	1605

Group: Bromide-Bromide

System	Composition mol %	Eutectic M.P., °C	Reference No.
AgBr-KBr	68	285	567, 568, 708, 902, 1153, 1688, 3266, 3546
AgBr-KBr	69	286	567, 568, 708, 902, 1153, 1688, 3266, 3546
AgBr-KBr	51	290	567, 568, 708, 902, 1153, 1688, 3266, 3546
AgBr-RbBr	68	228	1156, 3546
AlBr ₃ -AsBr ₃	26	28	571
AlBr ₃ -AsBr ₃	26	25.5	1931
AlBr ₃ -BBr ₃	5.24	-46.1	1626
AlBr ₃ -KBr	74	88	388, 1427, 2993
AlBr ₃ -NaBr	82	95	388, 2993
AlBr ₃ -SnBr ₄	26	20	1931
AsBr ₃ -PBr ₅	82.5	23.5	1931
AsBr ₃ -S ₂ Br ₂	13.5	-56	1931
AsBr ₃ -SnBr ₄	45	3.5	1931
AsBr ₅ -BBr ₃	5.8	-54.1	1626
BaBr ₂ -LiBr	25	483	568
BaBr ₂ -NaBr	40	600	568
BBr ₃ -SnBr ₄	81.7	-52.5	1626
CdBr ₂ -KBr	36	297	614, 1262, 1278
CdBr ₂ -KBr	37	300	614, 1262, 1278
CdBr ₂ -KBr-NaBr	35-52-13	292	1262
CdBr ₂ -KBr-PbBr ₂	17-11-72	280	1278
CdBr ₂ -KBr-PbBr ₂	38-31-31	297	1278

Group: Bromide-Bromide (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
CdBr ₂ -KBr-PbBr ₂	24-52-24	277	1278
CdBr ₂ -NaBr	46	367	1262, 1263, 1581, 3469
CdBr ₂ -NaBr	47	367	3469
CdBr ₂ -NaBr	52	367	1262
CdBr ₂ -NaBr-PbBr ₂	13-25-62	280	1263
CdBr ₂ -PbBr ₂	15	340	1278, 1481
CdBr ₂ -TlBr	25	310	3470
CdBr ₂ -TlBr	59	392	3470
CdBr ₂ -ZnBr ₂	* 21.2	364	1195
CsBr-NaBr	62.5	460	3391
CuBr-KBr	* 28.1	182	2713
HgBr ₂ -KBr	57.5	168	1631
HgBr ₂ -NaBr	91.5	232	1631
HgBr ₂ -PbBr ₂	95	232	3143
KBr-LiBr	40	348	567, 568
KBr-NaBr	50	638 m	1262, 1339, 2789
KBr-PbBr ₂	10	335	3442
KBr-PbBr ₂	16	330	3450
KBr-PbBr ₂	44	354	3450
KBr-PbBr ₂	46	355	3442
KBr-PbBr ₂ -TlBr	12-18-70	380	3450
KBr-PbBr ₂ -TlBr	3-45-52	350	3450
KBr-RbBr	20	668 m	1839
KBr-TiBr ₃	80	635	3401
KBr-TiBr ₃	60	575	3401
KBr-TlBr	13	459	1339

* Data recalculated from units as given in original reference.

Group: Bromide-Bromide (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
KBr-TlBr	12.5	459	3450
LiBr-NaBr	84	507	1349
LiBr-RbBr	59	259	1839
LiBr-RbBr	55	273	1839
MgBr ₂ -NaBr	59	431	568
NaBr-PbBr ₂	18	324	462, 1482
NaBr-PbBr ₂	17.7	324	1263
NaBr-PbBr ₂ -TlBr	8-45-47	343	462
NaBr-PbBr ₂ -TlBr	14-80-6	309	462
NaBr-RbBr	46.5	495	1839
NaBr-SrBr ₂	56	486	3501
NaBr-TlBr	25	412	462, 1339, 1480
PbBr ₂ -TlBr	19	384	462, 3450
PbBr ₂ -TlBr	46	356	462, 3450
PbBr ₂ -TlBr	20	384	3450, 462
PbBr ₂ -TlBr	46	356	3450, 462
PbBr ₂ -TlBr	89.5	352	462, 3450
PBr ₃ -SnBr ₄	84	-50.0	1931
SbBr ₃ -SnBr ₄	6	27.0	1931
S ₂ Br ₂ -SnBr ₄	95.5	-47.5	1931

Group: Bromide-Iodide

System	Composition mol %	Eutectic M.P., °C	Reference No.
AgBr-AgI	73	377 m	3092
CdBr ₂ -CdI ₂	10	386 m	3469
CdBr ₂ -CdI ₂	10	385 m	3470
NaBr-NaI	30	652 m	3469
PbBr ₂ -PbI ₂	52	282	691
PbBr ₂ -PbI ₂	51	256	3092
PbBr ₂ -PbI ₂	49	254	567, 568, 691, 3092
SnBr ₂ -SnI ₂	77.5	19.35	2889
TlBr-TlI	50	405 m	3470

Group: Bromide-Nitrate

System	Composition mol %	Eutectic M.P., °C	Reference No.
AgBr-AgNO ₃	23	163	567, 568
AgBr-AgNO ₃	24	155	1625, 1688, 567, 568, 2898
AgBr-AgNO ₃	25	155	2898
AgBr-AgNO ₃ -KNO ₃	1.9-61.10-37.0	119	1688
LiBr-LiNO ₃	25	224	743
NaBr-NaNO ₃	9.5	292	743, 3501
NaBr-NaNO ₃ -Sr(NO ₃) ₂	8-87-5	274	3501
NaBr-SrBr ₂ -Sr(NO ₃) ₂	27.5-51-21.5	376	3501
NaBr-Sr(NO ₃) ₂	59	428	3501
SrBr ₂ -Sr(NO ₃) ₂	69	428	3501

Group: Bromide-Sulfate

System	Composition mol %	Eutectic M.P., °C	Reference No.
AgBr-Li ₂ SO ₄	1	406	82
KBr-K ₂ SO ₄	63	680	2150
KBr-NaBr-Na ₂ SO ₄	40-20-40	543	2150
KBr-Na ₂ SO ₄	43.7	550	2150
NaBr-Na ₂ SO ₄	45	625	2150

Group: Bromide-Others

System	Composition mol %	Eutectic M.P., °C	Reference No.
AgBr-KVO ₃	99	406	82
AgBr-Li ₂ CrO ₄	98.5	406	82
AgBr-Li ₂ MoO ₄	99	400	82
AgBr-LiVO ₃	99	389	82
AgBr-Na ₂ CrO ₄	99	398	82
AgBr-Na ₂ MoO ₄	97	397	82
AgBr-NaVO ₃	99	401	82
AgBr-Na ₂ WO ₄	99	413	82
CdBr ₂ -Li ₂ CrO ₄	15	470	82
KBr-NaBr-Na ₂ CO ₃	* 38.1-42.9-19	575	1595
PbBr ₂ -PbO	22.5	706	2404
PbBr ₂ -PbO	27.50	697	2404
PbBr ₂ -PbO	88.00	347	2404

* Data recalculated from units as given in original reference.

Group: Iodide-Iodide

System	Composition mol %	Eutectic M.P., °C	Reference No.
AgI-KI	71.5	244	173
AgI-KI	79.2	254	173, 2638, 3546
AgI-KI	62	243	2638, 3546
AgI-NaI	50	384	173, 567
AgI-NaI	60	404	567, 173
AgI-RbI	75	196	3546
CdI ₂ -KI	52.5	185	125, 2319
CdI ₂ -NaI	52	287	1243, 1569
CdI ₂ -NaI-PbI ₂	42-44-14	268	1243
CdI ₂ -PbI ₂	70	360	1243
CdI ₂ -TlI	45	256	3470
CdI ₂ -TlI	56	255	3470
CdI ₂ -TlI	45	250	3476
CsI-NaI	55	435	3391
HgI ₂ -NaI	74	216	1631
KI-NaI	40	580 m	1158, 1261
KI-NaI-PbI ₂	49-3-48	337	1261
KI-NaI-PbI ₂	27-12-61	300	1261
KI-PbI ₂	30.5	330	1261
KI-PbI ₂	52	357	1261
NaI-PbI ₂	29	378	1243
NaI-PbI ₂	28	378	1261, 1571

Group: Iodide-Sulfate

System	Composition mol %	Eutectic M.P., °C	Reference No.
KI-K ₂ SO ₄	86	660	568
KI-K ₂ SO ₄	86	648	1700, 568
KI-NaI-K ₂ SO ₄	31-44-25	574	1700
KI-Na ₂ SO ₄	78.5	582	1700
NaI-Na ₂ SO ₄	83	598	1700

Group: Iodide-Others

System	Composition mol %	Eutectic M.P., °C	Reference No.
KI-PbO	99	621	82
PbI ₂ -PbO	70	365	2523

Group: Nitrate-Nitrate

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{AgNO}_3\text{-Ca(NO}_3)_2$	90	193.7-195	1066, 1269, 1497
$\text{AgNO}_3\text{-CsNO}_3$	82.5	168.5	2643
$\text{AgNO}_3\text{-CsNO}_3$	67.5	163	2643
$\text{AgNO}_3\text{-KNO}_3$	(61-62.3)	131	1091, 1190, 1320, 1546, 1688, 3641
$\text{AgNO}_3\text{-KNO}_3\text{-NaNO}_3$	51-42-7	116	1320
$\text{AgNO}_3\text{-KNO}_3\text{-NaNO}_3\text{-TlNO}_3$	52-0.5-1.7-45.8	76	1320
$\text{AgNO}_3\text{-KNO}_3\text{-NH}_4\text{NO}_3$	24.86-6.94-68.28	97	1190
$\text{AgNO}_3\text{-KNO}_3\text{-TlNO}_3$	52.7-0.5-46.8	79	1320
$\text{AgNO}_3\text{-LiNO}_3$	75	171.5	709, 2642
$\text{AgNO}_3\text{-LiNO}_3\text{-RbNO}_3$	47.4-18.6-34	103	1097
$\text{AgNO}_3\text{-LiNO}_3\text{-RbNO}_3$	53-13-34	100	1097
$\text{AgNO}_3\text{-LiNO}_3\text{-RbNO}_3$	34-14-52	112	1097
$\text{AgNO}_3\text{-NaNO}_3\text{-NH}_4\text{NO}_3$	36.5-8-55.5	95	2876
$\text{AgNO}_3\text{-NaNO}_3\text{-NH}_4\text{NO}_3$	20.5-12-67.5	94	2876
$\text{AgNO}_3\text{-NaNO}_3\text{-TlNO}_3$	51.8-2.2-46	78	1320, 1705
$\text{AgNO}_3\text{-NaNO}_3\text{-TlNO}_3$	46.4-2.3-51.3	79	1320, 1705
$\text{AgNO}_3\text{-NH}_4\text{NO}_3$	30	101	1190
$\text{AgNO}_3\text{-Pb(NO}_3)_2$	* 96.2	203.1	1663
$\text{AgNO}_3\text{-Pb(NO}_3)_2$	* 95.5	200.2	2360
$\text{AgNO}_3\text{-RbNO}_3$	67.5	128.	1217, 2642
$\text{AgNO}_3\text{-RbNO}_3$	40	136	1217, 2642
$\text{AgNO}_3\text{-TlNO}_3$	53	81	1307, 1320, 1386
$\text{AgNO}_3\text{-TlNO}_3$	47.5	81	1307, 1320, 1386
$\text{Ba(NO}_3)_2\text{-Ca(NO}_3)_2$	40	517	1497
$\text{Ba(NO}_3)_2\text{-KNO}_3$	(12.1-12.68)	285.7-287	1312, 1498, 1899, 2145, 2439
$\text{Ba(NO}_3)_2\text{-NaNO}_3$	(6.2-6.7)	294-298	1312, 1503
$\text{Ba(NO}_3)_2\text{-NaNO}_3$	15.2	284	2439

* Data recalculated from units as given in original reference.

Group: Nitrate-Nitrate (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{Ba}(\text{NO}_3)_2\text{-Sr}(\text{NO}_3)_2$	57.5	585	1497
$\text{Ca}(\text{NO}_3)_2\text{-KNO}_3$	(34.2-34.9)	142-146	2398, 2432, 2441, 2639, 2672
$\text{Ca}(\text{NO}_3)_2\text{-KNO}_3\text{-LiNO}_3$ *	8.8-59-32.1	117.4	2444
$\text{Ca}(\text{NO}_3)_2\text{-KNO}_3\text{-Mg}(\text{NO}_3)_2$ *	30.7-64.3-5	137	3057
$\text{Ca}(\text{NO}_3)_2\text{-KNO}_3\text{-NaNO}_3$	13-22-65	133	1310, 1378, 2235
$\text{Ca}(\text{NO}_3)_2\text{-KNO}_3\text{-NaNO}_3$	32-52-16	133	1310, 1378, 2235
$\text{Ca}(\text{NO}_3)_2\text{-LiNO}_3$	(15.3-15.9)	234-235.2	1497, 2444
$\text{Ca}(\text{NO}_3)_2\text{-LiNO}_3\text{-NaNO}_3$ *	16.5-40.5-43.0	170.3	2504
$\text{Ca}(\text{NO}_3)_2\text{-NaNO}_3$ *	(32.1-33.4)	211.3-232	1310, 1497, 2439, 2504, 2672, 3057
$\text{Ca}(\text{NO}_3)_2\text{-NaNO}_3\text{-NH}_4\text{NO}_3$ *	9.8-13.6-76.6	42	2960
$\text{Ca}(\text{NO}_3)_2\text{-NH}_4\text{NO}_3$ *	16.6	44	2960
$\text{Ca}(\text{NO}_3)_2\text{-Sr}(\text{NO}_3)_2$	82.5	555	1497
$\text{Ca}(\text{NO}_3)_2\text{-TlNO}_3$ *	21.6	137	1497
$\text{Cd}(\text{NO}_3)_2\text{-CsNO}_3$	39.3	162.5	1218
$\text{Cd}(\text{NO}_3)_2\text{-CsNO}_3$	29.5	166	1218
$\text{Cd}(\text{NO}_3)_2\text{-CsNO}_3\text{-TlNO}_3$ *	31.9-21.2-46.8	84	1218
$\text{Cd}(\text{NO}_3)_2\text{-LiNO}_3\text{-NaNO}_3$ *	38.9-20.1-40.9	110	1094
$\text{Cd}(\text{NO}_3)_2\text{-RbNO}_3$	58.5	167	1313
$\text{Cd}(\text{NO}_3)_2\text{-RbNO}_3$	37	152	1313
$\text{Cd}(\text{NO}_3)_2\text{-TlNO}_3$ *	27.4	95	1218
$\text{KNO}_3\text{-LiNO}_3$	(57-61.5)	120-139	750, 983, 1095, 1096, 1840, 3348
$\text{KNO}_3\text{-LiNO}_3\text{-NH}_4\text{NO}_3$	14.5-27-58.5	92	3348
$\text{KNO}_3\text{-LiNO}_3\text{-TlNO}_3$	34-33-33	94	1096
$\text{KNO}_3\text{-Mg}(\text{NO}_3)_2$ *	51.5	178	3057
$\text{KNO}_3\text{-Mg}(\text{NO}_3)_2$ *	78.2	195	3057

* Data recalculated from units as given in original reference.

Group: Nitrate-Nitrate (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{KNO}_3\text{-NaNO}_3$	(50-54.5)	218-222	465, 750, 1320, 1386, 1521, 1707, 2083, 2145, 3057, 3318
$\text{KNO}_3\text{-NaNO}_3\text{-TlNO}_3$	24-25-51	138	1320
$\text{KNO}_3\text{-NH}_4\text{NO}_3$	11.2	156	1190, 3348
$\text{KNO}_3\text{-Pb(NO}_3)_2$	* 77	215.2	2361
$\text{KNO}_3\text{-Sr(NO}_3)_2$	(82-86)	266-277.5	1311, 1839
$\text{KNO}_3\text{-TlNO}_3$	(28-30)	181-182	1096, 1320
$\text{LiNO}_3\text{-NaNO}_3$	(55-58.5)	195-198	743, 1094, 1665, 3435
$\text{LiNO}_3\text{-NH}_4\text{NO}_3$	27.5	98	3348
$\text{LiNO}_3\text{-Sr(NO}_3)_2$	(95-98)	230-249	1839, 2950
$\text{LiNO}_3\text{-TlNO}_3$	(29.5-36.2)	132-136.5	1096, 1801
$\text{Mg(NO}_3)_2\text{-NaNO}_3$	* 37.4	135	3057
$\text{NaNO}_3\text{-Pb(NO}_3)_2$	84.1	271.8	2361
$\text{NaNO}_3\text{-Sr(NO}_3)_2$	(91-95)	287-300	1311, 3501, 1839
$\text{NaNO}_3\text{-TlNO}_3$	(20.5-23)	162	567, 568, 1320
$\text{Pb(NO}_3)_2\text{-TlNO}_3$	* 12.2	175.5	2360

* Data recalculated from units as given in original reference.

Group: Nitrate-Sulfate

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{KNO}_3\text{-K}_2\text{SO}_4$	97	332	568
$\text{LiNO}_3\text{-Li}_2\text{SO}_4$	* 97.9	252	2401
$\text{NaNO}_3\text{-Na}_2\text{SO}_4$	97	300	568

* Data recalculated from units as given in original reference.

Group: Nitrate-Others

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{Ba}(\text{NO}_3)_2\text{-Ba}(\text{NO}_2)_2$	6	252	1421, 1498
$\text{Ba}(\text{NO}_3)_2\text{-Ba}(\text{NO}_2)_2\text{-KNO}_2^*$	4.9-90.2-4.9	244	1498
$\text{Ba}(\text{NO}_3)_2\text{-KNO}_2$	* 24.2	170	1498
$\text{Ca}(\text{NO}_3)_2\text{-CaCrO}_4$	97.5	512	2398
$\text{Ca}(\text{NO}_3)_2\text{-K}_2\text{CrO}_4$	98.5	506	2398
$\text{KNO}_3\text{-CaCrO}_4$	* 99.6	317	2398
$\text{KNO}_3\text{-K}_2\text{CO}_3$	96	326	568
$\text{KNO}_3\text{-K}_2\text{CrO}_4$	98.5	321	2398
$\text{KNO}_3\text{-K}_2\text{WO}_4$	* 94.2	314	2401
$\text{KNO}_3\text{-NaNO}_2$	40	140	967
$\text{KNO}_3\text{-NaNO}_3\text{-NaNO}_2$	44-49-7	142	444, 967
$\text{LiNO}_3\text{-LiClO}_4$	46.5	172	3422
$\text{LiNO}_3\text{-Li}_2\text{CO}_3$	98.1	250	568
$\text{NaNO}_3\text{-Na}_2\text{CO}_3$	97.6	304	568

* Data recalculated from units as given in original reference.

Group: Sulfate-Sulfate

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{Ag}_2\text{SO}_4\text{-Li}_2\text{SO}_4$	75	567	1890
$\text{Ag}_2\text{SO}_4\text{-Li}_2\text{SO}_4$	31.5	556	1890
$\text{Ag}_2\text{SO}_4\text{-PbSO}_4$	75	623	1259
$\text{BaSO}_4\text{-K}_2\text{SO}_4$	33.23	1015	2700
$\text{BaSO}_4\text{-K}_2\text{SO}_4$	17.6	1016	2412
$\text{BaSO}_4\text{-Li}_2\text{SO}_4$	20	760	568, 2412
$\text{BaSO}_4\text{-Li}_2\text{SO}_4$	9.37	760	2702
$\text{BaSO}_4\text{-Na}_2\text{SO}_4$	19.91	913	2700
$\text{CaSO}_4\text{-Li}_2\text{SO}_4$	(16.2-16.5)	695-706	2864, 3702
$\text{CaSO}_4\text{-Na}_2\text{SO}_4$	* 50	917	2699
$\text{CdSO}_4\text{-K}_2\text{SO}_4$	43.5	653	2660, 2675
$\text{CdSO}_4\text{-K}_2\text{SO}_4$	79.5	808	2660, 2675
$\text{CdSO}_4\text{-K}_2\text{SO}_4\text{-Li}_2\text{SO}_4$	30-50-20	554	2675
$\text{CdSO}_4\text{-K}_2\text{SO}_4\text{-Li}_2\text{SO}_4$	18-20-62	474	2675
$\text{CdSO}_4\text{-K}_2\text{SO}_4\text{-Li}_2\text{SO}_4$	33-9-58	490	2675
$\text{CdSO}_4\text{-K}_2\text{SO}_4\text{-Li}_2\text{SO}_4$	33-5-62	512	2675
$\text{CdSO}_4\text{-K}_2\text{SO}_4\text{-Na}_2\text{SO}_4$	43-18-39	578	2676
$\text{CdSO}_4\text{-Li}_2\text{SO}_4$	(30.12-33)	550-551	1087, 1686, 2675, 2708
$\text{CdSO}_4\text{-Li}_2\text{SO}_4\text{-Na}_2\text{SO}_4$	24.5-57-18.5	478	1087
$\text{CdSO}_4\text{-Na}_2\text{SO}_4$	54	680-681	1087, 1525, 2708
$\text{CdSO}_4\text{-Tl}_2\text{SO}_4$	31	514	1723
$\text{CoSO}_4\text{-K}_2\text{SO}_4$	42.85	535	2706
$\text{CoSO}_4\text{-K}_2\text{SO}_4$	72.41	725	2706

* Data recalculated from units as given in original reference.

Group: Sulfate-Sulfate (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{CoSO}_4\text{-Li}_2\text{SO}_4$	(27.5-28.96)	590-595	1687, 2706
$\text{CoSO}_4\text{-Na}_2\text{SO}_4$	47.83	575	2706
$\text{Cs}_2\text{SO}_4\text{-Li}_2\text{SO}_4$	69	680	1658
$\text{Cs}_2\text{SO}_4\text{-Li}_2\text{SO}_4$	24.5	630	1658
$\text{Cs}_2\text{SO}_4\text{-Li}_2\text{SO}_4$	10.5	620	1658
$\text{Cs}_2\text{SO}_4\text{-MgSO}_4$	55	680	1929
$\text{Fe}_7(\text{SO}_4)_3\text{-K}_7\text{SO}_4$	12	627	1288
$\text{Fe}_2(\text{SO}_4)_3\text{-K}_2\text{SO}_4$	28	693	1288
$\text{K}_2\text{SO}_4\text{-Li}_2\text{SO}_4$	19	532-536	1086, 1768, 1769, 2675
$\text{K}_2\text{SO}_4\text{-Li}_2\text{SO}_4$	60.5	700-712	1086, 1768, 1769, 2675
$\text{K}_2\text{SO}_4\text{-Li}_2\text{SO}_4\text{-Na}_2\text{SO}_4$	12-79-9	512	1762, 1765
$\text{K}_2\text{SO}_4\text{-Li}_2\text{SO}_4\text{-PbSO}_4$	46.5-22.5-31	614	1777
$\text{K}_2\text{SO}_4\text{-Li}_2\text{SO}_4\text{-PbSO}_4$	33-32-35	618	1777
$\text{K}_2\text{SO}_4\text{-Li}_2\text{SO}_4\text{-PbSO}_4$	19-70-11	496	1777
$\text{K}_2\text{SO}_4\text{-Li}_2\text{SO}_4\text{-Ti}_2\text{SO}_4$	2-22.5-75.5	497-512	1086, 1762
$\text{K}_2\text{SO}_4\text{-MnSO}_4$	59.60	680	2705
$\text{K}_2\text{SO}_4\text{-Na}_2\text{SO}_4\text{-ZnSO}_4$	34.0-22.5-43.5	392	1264
$\text{K}_2\text{SO}_4\text{-Na}_2\text{SO}_4\text{-ZnSO}_4$	19.0-25.8-55.2	385	1264
$\text{K}_2\text{SO}_4\text{-Na}_2\text{SO}_4\text{-ZnSO}_4$	24.5-33.4-42.1	388	1264
$\text{K}_2\text{SO}_4\text{-Na}_2\text{SO}_4\text{-ZnSO}_4$	30.2-29.1-40.7	384	1264
$\text{K}_2\text{SO}_4\text{-PbSO}_4$	55	805	1672
$\text{K}_2\text{SO}_4\text{-PbSO}_4$	25	920	1672
$\text{K}_2\text{SO}_4\text{-PbSO}_4$	53.67	796	2701
$\text{K}_2\text{SO}_4\text{-SrSO}_4$	61.25	970	2703
$\text{Li}_2\text{SO}_4\text{-MnSO}_4$	71.82	580	2705
$\text{Li}_2\text{SO}_4\text{-Na}_2\text{SO}_4$	63.5	584-596	1087, 1635

Group: Sulfate-Sulfate (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{Li}_2\text{SO}_4\text{-NiSO}_4$	74	640	1673
$\text{Li}_2\text{SO}_4\text{-NiSO}_4$	63.5	643	1673
$\text{Li}_2\text{SO}_4\text{-PbSO}_4$	(75.64-80.5)	635-638	1528, 1777, 2707
$\text{Li}_2\text{SO}_4\text{-PbSO}_4\text{-Tl}_2\text{SO}_4$	25.5-9.5-65	494	1528
$\text{Li}_2\text{SO}_4\text{-PbSO}_4\text{-Tl}_2\text{SO}_4$	63-11-26	506	1528
$\text{Li}_2\text{SO}_4\text{-PbSO}_4\text{-Tl}_2\text{SO}_4$	41.5-17-41.5	534	1528
$\text{Li}_2\text{SO}_4\text{-SrSO}_4$	(75-83.37)	722-746	568, 2412, 2702, 3359
$\text{Li}_2\text{SO}_4\text{-Tl}_2\text{SO}_4$	73	520-526	1086, 1528
$\text{Li}_2\text{SO}_4\text{-Tl}_2\text{SO}_4$	24	502	1086, 1528
$\text{Li}_2\text{SO}_4\text{-ZnSO}_4$	48.5	510	1824
$\text{MgSO}_4\text{-Rb}_2\text{SO}_4$	47.5	675	1306
$\text{MnSO}_4\text{-Na}_2\text{SO}_4$	53.49	645	2705
$\text{Na}_2\text{SO}_4\text{-PbSO}_4$	53	735	1632, 1671, 2707
$\text{Na}_2\text{SO}_4\text{-SrSO}_4$	61.24	955	2703
$\text{PbSO}_4\text{-Tl}_2\text{SO}_4$	23.5	590	1528

Group: Sulfate-Others

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{Ag}_2\text{SO}_4\text{-Ag}_2\text{MoO}_4$	33	497	1634
$\text{K}_2\text{SO}_4\text{-KBO}_2$	32	860	1441
$\text{K}_2\text{SO}_4\text{-KBO}_2$	41	848	2401, 1441
$\text{K}_2\text{SO}_4\text{-KBO}_2\text{-LiBO}_2$	* 2.-33.7-64.3	570	1639
$\text{K}_2\text{SO}_4\text{-KCNS}$	* .2	177	1340
$\text{K}_2\text{SO}_4\text{-K}_2\text{MoO}_4\text{-Li}_2\text{MoO}_4$	29.0-22.5-48.5	475	1785
$\text{K}_2\text{SO}_4\text{-KPO}_3$	* 12.3-87.6	718	1645
$\text{K}_2\text{SO}_4\text{-K}_4\text{P}_2\text{O}_7$	* 59.6	882	2246
$\text{K}_2\text{SO}_4\text{-K}_2\text{TiO}_3$	6	804	1233
$\text{K}_2\text{SO}_4\text{-K}_2\text{WO}_4$	35	916	2241, 2401
$\text{K}_2\text{SO}_4\text{-K}_2\text{WO}_4\text{-Li}_2\text{WO}_4$	32.5-5-62.5	484	1639, 2241
$\text{K}_2\text{SO}_4\text{-K}_2\text{WO}_4\text{-Li}_2\text{WO}_4$	37.5-15.5-47	486	1639, 2241
$\text{K}_2\text{SO}_4\text{-K}_2\text{WO}_4\text{-PbWO}_4$	19.0-48.5-32.5	780	2236
$\text{K}_2\text{SO}_4\text{-K}_2\text{WO}_4\text{-PbWO}_4$	25.0-32.0-43.0	786	2236
$\text{K}_2\text{SO}_4\text{-Li}_2\text{SO}_4\text{-LiBO}_2$	* 17.6-78.4-3.9	525	1639
$\text{K}_2\text{SO}_4\text{-Li}_2\text{SO}_4\text{-LiBO}_2$	* 30.5-2.-67.5	726	1639
$\text{K}_2\text{SO}_4\text{-Li}_2\text{SO}_4\text{-Li}_2\text{MoO}_4$	22.0-52.5-25.5	466	1785
$\text{K}_2\text{SO}_4\text{-Li}_2\text{SO}_4\text{-Li}_2\text{WO}_4$	20-60-20	480	1639, 2241
$\text{K}_2\text{SO}_4\text{-Na}_2\text{CO}_3$	34	672	1321
$\text{K}_2\text{SO}_4\text{-PbO}$	99	1000	82
$\text{K}_2\text{SO}_4\text{-PbSO}_4\text{-PbWO}_4$	51.5-41.0-7.5	756	2236
$\text{K}_2\text{SO}_4\text{-PbSO}_4\text{-PbWO}_4$	22.5-63.0-14.5	840	2236
$\text{K}_2\text{SO}_4\text{-PbWO}_4$	56	855	2236
$\text{Li}_2\text{SO}_4\text{-K}_2\text{MoO}_4\text{-Li}_2\text{MoO}_4$	26-37.5-36.5	474	1785
$\text{Li}_2\text{SO}_4\text{-KPO}_3\text{-LiPO}_3$	* 42.8-27.8-29.3	440	1645

* Data recalculated from units as given in original reference.

Group: Sulfate-Others (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{Li}_2\text{SO}_4\text{-KPO}_3\text{-LiPO}_3$	* 20.1-40.8-39	460	1645
$\text{Li}_2\text{SO}_4\text{-KPO}_3\text{-LiPO}_3$	* 20.4-63.8-15.7	453	1645
$\text{Li}_2\text{SO}_4\text{-K}_2\text{WO}_4\text{-Li}_2\text{WO}_4$	32.5-37.5-30	484	2241
$\text{Li}_2\text{SO}_4\text{-LiBO}_2$	* 69.5	737	1231, 2401
$\text{Li}_2\text{SO}_4\text{-LiBO}_2$	* 52.7	737	1231, 2401
$\text{Li}_2\text{SO}_4\text{-Li}_2\text{MoO}_4$	(62.5-64.5)	560-564	1785, 2671
$\text{Li}_2\text{SO}_4\text{-LiPO}_3$	* 35.6	508	1645
$\text{Li}_2\text{SO}_4\text{-Li}_2\text{WO}_4$	68	596	1231, 1642, 2241, 2401
$\text{Li}_2\text{SO}_4\text{-Na}_2\text{SO}_4\text{-Li}_2\text{MoO}_4$	57.5-34.5-8.0	498	1250
$\text{Li}_2\text{SO}_4\text{-PbO}$	99	840	82
$\text{Li}_2\text{SO}_4\text{-PbWO}_4$	94.5	754	1088
$\text{Na}_2\text{SO}_4\text{-Ag}_2\text{MoO}_4$	5.5	547	1634
$\text{Na}_2\text{SO}_4\text{-K}_2\text{MoO}_4\text{-Na}_2\text{MoO}_4$	16.0-15.0-69.0	636	1788
$\text{Na}_2\text{SO}_4\text{-K}_2\text{MoO}_4\text{-Na}_2\text{MoO}_4$	41.5-27.5-31.0	618	1788
$\text{Na}_2\text{SO}_4\text{-Li}_2\text{MoO}_4\text{-Na}_2\text{MoO}_4$	15.5-46.5-38.0	433	1250
$\text{Na}_2\text{SO}_4\text{-NaCNS}$	* 2	311	1340
$\text{Na}_2\text{SO}_4\text{-Na}_2\text{CO}_3$	37.5	820 m	1470
$\text{Na}_2\text{SO}_4\text{-Na}_2\text{MoO}_4$	14.5	677	1250
$\text{Na}_2\text{SO}_4\text{-Na}_2\text{MoO}_4$	33	678	1250
$\text{Na}_2\text{SO}_4\text{-Na}_4\text{P}_2\text{O}_7$	58	748	2246
$\text{Na}_2\text{SO}_4\text{-Na}_2\text{S}$	72.3	740	2803
$\text{Na}_2\text{SO}_4\text{-Na}_2\text{TiO}_3$	98.5	866	1233
$\text{Na}_2\text{SO}_4\text{-Na}_2\text{WO}_4$	(20-40)	670 m	1632
$\text{Na}_2\text{SO}_4\text{-PbO}$	99	860	82
$\text{Na}_2\text{SO}_4\text{-PbSO}_4\text{-PbWO}_4$	46-48.5-5.5	720	1632
$\text{Na}_2\text{SO}_4\text{-PbWO}_4$	85	860	1632
$\text{Na}_2\text{SO}_4\text{-V}_2\text{O}_5$	12.1	630	2790

* Data recalculated from units as given in original reference.

Group: Sulfate-Others (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{Na}_2\text{SO}_4\text{-V}_2\text{O}_5$	81.9	650	2790
$\text{PbSO}_4\text{-PbWO}_4$	50	995	1088, 1632

Group: Oxide-Oxide

System	Composition mol %	Eutectic M.P., °C	Reference No.
Al ₂ O ₃ -BaO	* 21	1660	3187
Al ₂ O ₃ -BaO	* 30.3	1710	3187
Al ₂ O ₃ -BaO	* 64.8	1790	3187
Al ₂ O ₃ -BaO	* 88	1890	3187
Al ₂ O ₃ -BeO	* 42.3	1835 ± 10	2589, 2579
Al ₂ O ₃ -BeO	* 59.9	1850 ± 10	2589, 2579
Al ₂ O ₃ -BeO	* 79.9	1890 ± 10	2589, 2579
Al ₂ O ₃ -BeO	* 39.8	1865	2579
Al ₂ O ₃ -BeO	* 60.1	1880	2579
Al ₂ O ₃ -BeO-MgO	* 11.1-44.3-44.7	1640	2579
Al ₂ O ₃ -BeO-ThO ₂	44.45-44.45- 11.1	1810	2579
Al ₂ O ₃ -BeO-ThO ₂	28.6-57.1-14.3	1795	2579
Al ₂ O ₃ -BeO-TiO ₂	* 20-40.1-39.9	1572 ± 5	2589
Al ₂ O ₃ -BeO-TiO ₂	* 33.3-33.3-33.3	1580 ± 5	2589
Al ₂ O ₃ -BeO-TiO ₂	* 58.3-20.9-20.7	1755 ± 10	2589
Al ₂ O ₃ -BeO-ZrO ₂	25-50-25	1750	2579
Al ₂ O ₃ -CaO	*~35.5	~1390	} 569, 1694, 2260, 2611 2616, 2617, 2618, 3218
Al ₂ O ₃ -CaO	*~38	~1395	
Al ₂ O ₃ -CaO	*~64	~1725	
Al ₂ O ₃ -CaO	*~52	~1590	
Al ₂ O ₃ -CaO-Fe ₂ O ₃	* 28.3-65.-6.6	1335 ± 5	2590
Al ₂ O ₃ -CaO-Fe ₂ O ₃	* 30.4-62.3-7.3	1315 ± 5	2590
Al ₂ O ₃ -CaO-Fe ₂ O ₃	* 12.5-74.8-12.7	1395 ± 5	2518
Al ₂ O ₃ -CaO-Fe ₂ O ₃	* 31.8-63.4-4.7	1335 ± 5	2518
Al ₂ O ₃ -CaO-Fe ₂ O ₃	* 12.8-50.1-37.1	1205 ± 5	2518

* Data recalculated from units as given in original reference.

Group: Oxide-Oxide (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{Al}_2\text{O}_3\text{-CaO-Fe}_2\text{O}_3\text{-Na}_2\text{O}$	* 25.7-60.2-8.2-5.8	1344 $\pm$ 5	2351
$\text{Al}_2\text{O}_3\text{-CaO-K}_2\text{O}$	* 33.8-62.4-3.7	1425	2618
$\text{Al}_2\text{O}_3\text{-CaO-K}_2\text{O}$	* 42.3-53.6-4.1	1430	2618
$\text{Al}_2\text{O}_3\text{-CaO-K}_2\text{O}$	* 38.8-57.1-4.0	1450 $\pm$ 5	2618
$\text{Al}_2\text{O}_3\text{-CaO-MgO}$	* 28.2-61.3-10.5	1345 $\pm$ 5	2527
$\text{Al}_2\text{O}_3\text{-CaO-MgO}$	* 35.9-52.3-11.7	1345 $\pm$ 5	2527
$\text{Al}_2\text{O}_3\text{-CaO-MgO-SiO}_2$	7.65-25.0-17.35-50	1543	569
$\text{Al}_2\text{O}_3\text{-CaO-Na}_2\text{O-SiO}_2$	* 23.6-55.8-8.8-11.7	1340 $\pm$ 10	2578
$\text{Al}_2\text{O}_3\text{-CaO-Na}_2\text{O-SiO}_2$	* 15.5-46.0-15.4-23.1	1405 $\pm$ 10	2578
$\text{Al}_2\text{O}_3\text{-CaO-Na}_2\text{O-SiO}_2$	* 10.4-57.8-11.-20.7	1355 $\pm$ 10	2578
$\text{Al}_2\text{O}_3\text{-CaO-P}_2\text{O}_5$	* 6.4-33.3-60.2	905	2547
$\text{Al}_2\text{O}_3\text{-CaO-P}_2\text{O}_5$	* 5.2-39.4-55.4	920	2547
$\text{Al}_2\text{O}_3\text{-CaO-P}_2\text{O}_5$	* 4.6-57.5-37.8	1260	2547
$\text{Al}_2\text{O}_3\text{-FeO}$	* 2.8	1305	3094
$\text{Al}_2\text{O}_3\text{-FeO-SiO}_2$	* 8.7-43.1-48.1	970 $\pm$ 20	2546
$\text{Al}_2\text{O}_3\text{-K}_2\text{O-SiO}_2$	* 2.4-16.1-81.5	710 $\pm$ 20	2611, 2559
$\text{Al}_2\text{O}_3\text{-K}_2\text{O-SiO}_2$	* 7.0-6.6-86.4	985 $\pm$ 20	2611, 2559
$\text{Al}_2\text{O}_3\text{-K}_2\text{O-SiO}_2$	* 2.4-22.0-75.5	695 $\pm$ 5	2611, 2559
$\text{Al}_2\text{O}_3\text{-K}_2\text{O-SiO}_2$	* 5.6-30.3-64.1	905 $\pm$ 10	2611, 2559
$\text{Al}_2\text{O}_3\text{-K}_2\text{O-SiO}_2$	* 23.2-17.8-59.	1553 $\pm$ 5	2611, 2559
$\text{Al}_2\text{O}_3\text{-K}_2\text{O-SiO}_2$	* 6.8-6.8-86.4	990 $\pm$ 20	2611, 2559
$\text{Al}_2\text{O}_3\text{-K}_2\text{O-SiO}_2$	* 2.1-18.6-79.2	725 $\pm$ 5	2611, 2559

* Data recalculated from units as given in original reference.

Group: Oxide-Oxide (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{Al}_2\text{O}_3\text{-K}_2\text{O-SiO}_2$	* 5.2-28.-66.7	918 ± 5	2611, 2559
$\text{Al}_2\text{O}_3\text{-K}_2\text{O-SiO}_2$	* 5.5-31.5-63.	923 ± 5	2611, 2559
$\text{Al}_2\text{O}_3\text{-K}_2\text{O-SiO}_2$	* 21.3-15.7-62.9	1588 ± 5	2611, 2559
$\text{Al}_2\text{O}_3\text{-K}_2\text{O-SiO}_2$	* 29.8-23.4-46.8	1680 ± 10	2611, 2559
$\text{Al}_2\text{O}_3\text{-K}_2\text{O-SiO}_2$	* 19.9-19.8-60.3	1615 ± 10	2611, 2559
$\text{Al}_2\text{O}_3\text{-MgO}$	* 32.5	2030 ± 20	2527
$\text{Al}_2\text{O}_3\text{-Na}_2\text{O-SiO}_2$	* 2.8-21.3-75.8	740 ± 5	2612
$\text{Al}_2\text{O}_3\text{-Na}_2\text{O-SiO}_2$	* 8.4-8.0-83.5	1050 ± 5	2612
$\text{Al}_2\text{O}_3\text{-Na}_2\text{O-SiO}_2$	* 15.6-14.7-69.6	1063 ± 5	2612
$\text{Al}_2\text{O}_3\text{-Na}_2\text{O-SiO}_2$	* 7.8-26.7-65.4	732 ± 5	2612
$\text{Al}_2\text{O}_3\text{-Na}_2\text{O-SiO}_2$	* 6.3-32.7-61	760 ± 5	2612
$\text{Al}_2\text{O}_3\text{-Na}_2\text{O-SiO}_2$	* 33.3-33.3-33.3	1062 ± 3	2612
$\text{Al}_2\text{O}_3\text{-Na}_2\text{O-SiO}_2$	* 4.5-25.8-69.7	767 ± 3	2612
$\text{Al}_2\text{O}_3\text{-Na}_2\text{O-SiO}_2$	* 13.4-12.3-74.3	1108 ± 3	2612
$\text{Al}_2\text{O}_3\text{-Na}_2\text{O-SiO}_2$	* 31.1-25.7-43.2	1475 ± 10	2612
$\text{Al}_2\text{O}_3\text{-Na}_2\text{O-SiO}_2$	* 15.3-15.3-69.4	1068 ± 5	2612
$\text{Al}_2\text{O}_3\text{-Na}_2\text{O-SiO}_2$	* 6.4-31.1-62.4	768 ± 5	2612
$\text{Al}_2\text{O}_3\text{-Na}_2\text{O-SiO}_2$	* 10.8-39.2-50.	900 ± 2	2612
$\text{Al}_2\text{O}_3\text{-PbO}$	* 12.2	865	2581
$\text{Al}_2\text{O}_3\text{-PbO-SiO}_2$	* 1.2-38.4-59.9	~725	2581
$\text{Al}_2\text{O}_3\text{-PbO-SiO}_2$	* 2.1-56.9-41.	695	2581
$\text{Al}_2\text{O}_3\text{-PbO-SiO}_2$	* 3.5-61.1-35.5	704	2581
$\text{Al}_2\text{O}_3\text{-PbO-SiO}_2$	* 2.1-71.3-26.6	694	2581
$\text{Al}_2\text{O}_3\text{-PbO-SiO}_2$	* 2.0-79.5-18.4	695	2581
$\text{Al}_2\text{O}_3\text{-PbO-SiO}_2$	* 9.8-78.6-11.5	764	2581
$\text{Al}_2\text{O}_3\text{-P}_2\text{O}_5$	* 35.1	1212	2547
$\text{Al}_2\text{O}_3\text{-SiO}_2$	* 3.3	1585 ± 10	1191, 1407, 2611

* Data recalculated from units as given in original reference.

Group: Oxide-Oxide (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{Al}_2\text{O}_3\text{-ThO}_2$	* 80	1910	2579
$\text{Al}_2\text{O}_3\text{-TiO}_2$	* 12.1	1715	2596
$\text{Al}_2\text{O}_3\text{-TiO}_2$	* 56.1	1850	2596
$\text{Al}_2\text{O}_3\text{-TiO}_2$	* 16.4	1705 ± 5	2589
$\text{Al}_2\text{O}_3\text{-TiO}_2$	* 55.6	1840 ± 10	2589
$\text{Al}_2\text{O}_3\text{-TiO}_2\text{-ZrO}_2$	* 43.6-18.6-37.8	1610	1784
$\text{Al}_2\text{O}_3\text{-TiO}_2\text{-ZrO}_2$	* 15.9-67.9-16.1	1580	1784
$\text{Al}_2\text{O}_3\text{-TiO}_2\text{-ZrO}_2$	* 21.5-43.7-34.8	1590	1784
$\text{Al}_2\text{O}_3\text{-ZrO}_2$	50	1885	2579
$\text{BaO-B}_2\text{O}_3\text{-SiO}_2$	* 21.9-67.2-10.9	810 ± 10	2588
$\text{BaO-B}_2\text{O}_3\text{-SiO}_2$	* 34.8-62.3-3.0	875 ± 5	2588
$\text{BaO-B}_2\text{O}_3\text{-SiO}_2$	* 36.6-19.8-43.6	875 ± 5	2588
$\text{BaO-B}_2\text{O}_3\text{-SiO}_2$	* 47.5-28.6-23.9	920 ± 10	2588
$\text{BaO-B}_2\text{O}_3\text{-SiO}_2$	* 30.9-27.9-41.2	950 ± 20	2588
BaO-CaO-SiO_2	* 19.1-19.9-61.0	1150	3189
BaO-CaO-SiO_2	* 20.1-19.4-60.5	1190	3189
BaO-CaO-SiO_2	* 28.9-23.7-47.3	1255	3189
BaO-CaO-SiO_2	* 29.8-17.9-52.3	1235	3189
BaO-CaO-SiO_2	* 26.2-16.4-57.3	1210	3189
$\text{BaO-Li}_2\text{O-SiO}_2$	24.5-22.5-53.0	940	3007
$\text{BaO-Li}_2\text{O-SiO}_2$	12.5-22.0-65.5	910	3007
$\text{BaO-Li}_2\text{O-SiO}_2$	12.0-21.0-67.0	920	3007
$\text{BaO-Li}_2\text{O-SiO}_2$	26.0-24.0-50.0	970	3007
$\text{BaO-Li}_2\text{O-SiO}_2$	12.0-21.5-66.5	960	3007
BaO-SiO_2	* 25.8	1374	1407, 3454
BaO-SiO_2	* 42.1	1437	1407, 3454
BaO-SiO_2	* 53.3	1551	1407, 3454

* Data recalculated from units as given in original reference.

Group: Oxide-Oxide (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
BaO-SiO ₂ -TiO ₂	15-70-15	1245	2548
BaO-SiO ₂ -TiO ₂	34.5-29-34.5	1260	2548
BaO-SiO ₂ -TiO ₂	18.5-63-18.5	1246	2548
BaO-TiO ₂	12.5	1585	3307
BaO-TiO ₂	18	1455	2955
BaO-TiO ₂	32	1305	2955
BaO-TiO ₂	35	1310	2955
BaO-TiO ₂	56	1585	2955
BeO-CaO	64	1475	3132
BeO-CaO	55	1405	2579, 3132
BeO-MgO	40	1670	3217, 3132
BeO-MgO	60	1955	3132
BeO-MgO-ThO ₂	62.5-31.3-6.2	1797	2585
BeO-MgO-ZrO ₂	41.7-33.3-25	1669	2585
BeO-ThO ₂	* 72.5	2200	2579
BeO-TiO ₂	30	1675	1969
BeO-TiO ₂	36	1670 ± 3	2589
BeO-ZrO ₂	40-45	2180	3130
Bi ₂ O ₃ -PbO-WO ₃	20.5-7.0-72.5	807	1338
Bi ₂ O ₃ -PbO-WO ₃	23.5-6.5-70.0	802	1338
Bi ₂ O ₃ -PbO-WO ₃	6.0-80-14.0	682	1338
Bi ₂ O ₃ -PbO-WO ₃	29.0-70.5-0.5	592	1338
B ₂ O ₃ -CaO	* 22.9	1460	1206, 2595
B ₂ O ₃ -CaO	* 31.2	1291	1206, 2595
B ₂ O ₃ -CaO	* 43.1	1132	1206, 2595
B ₂ O ₃ -CoO	* 40.7	900	2408
B ₂ O ₃ -CoO	* 29	1080	2408
B ₂ O ₃ -CoO	* 15.4	1205	2408
B ₂ O ₃ -Li ₂ O	* 53.7 ± .3	832 ± 2	1502

* Data recalculated from units as given in original reference.

Group: Oxide-Oxide (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
B ₂ O ₃ -MgO	* 29.8	1313	2554
B ₂ O ₃ -MgO	* 18.4	1358	2554
B ₂ O ₃ -PbO	* 30.4	493	2583-3330
B ₂ O ₃ -PbO	* 17.7	560	2583-3330
B ₂ O ₃ -PbO-SiO ₂	* 25.8-61.9-12.3	484 ± 2	2582
B ₂ O ₃ -PbO-SiO ₂	* 13.1-79-7.9	532 ± 2	2582
B ₂ O ₃ -PbO-SiO ₂	* 28.5-68.3-3.2	488 ± 2	2582
B ₂ O ₃ -Tl ₂ O	25.4	358	2711
B ₂ O ₃ -Tl ₂ O	35.8	410	2711
B ₂ O ₃ -ZnO	* 35.5	998	2605
CaO-FeO	30	1120	2720
CaO-MgO	55-59	2280-2360	2527, 2615, 3132, 3217
CaO-P ₂ O ₅	* 14.5 ± .5	490 ± 5	2608
CaO-P ₂ O ₅	* 52.4 ± .1	970 ± 1	2608
CaO-SiO ₂	38.7	1436	569, 1191, 1407, 2476, 3454
CaO-SiO ₂	56.3	1455	
CaO-SiO ₂	69.1	2065	
CaO-SiO ₂ -TiO ₂	* 36.2-50.4-13.4	1318 ± 4	2330
CaO-SiO ₂ -TiO ₂ - ZrO ₂	* 34.-52.9-7.9- 5.1	1300	3034
CaO-TiO ₂	* 22.6	1460 ± 5	1810, 2330
CaO-TiO ₂	* 69.1	1695 ± 5	1810, 2330
CaO-TiO ₂	* 25	1475	2587
CaO-TiO ₂	* 77.1	1725	2587
CaO-ZrO ₂	40	2300	3133
CaO-ZrO ₂	70	2270	3133

* Data recalculated from units as given in original reference.

Group: Oxide-Oxide (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
CeO ₂ -MgO	30	2240	3217
Cr ₂ O ₃ -MgO-SiO ₂	* .3-68.5-31.2	1850 ± 10	1868
Cr ₂ O ₃ -MgO-SiO ₂	* .3-44.2-55.5	1546 ± 3	1868
Cu ₂ O-MgO	20	1175	3217
CuO-PbO	40.88	698	2326
Cu ₂ O-PbO	* 25.5	680	2751
CuO-SiO ₂	* 5.4	1070	2238
Cu ₂ O-SiO ₂	* ~3.5	1060 ± 10	2238
FeO-TiO ₂	* 95.5	1305	2765
FeO-TiO ₂	* 60.6	1320	2765
FeO-TiO ₂	* 34.4	1330	2765
GeO ₂ -Li ₂ O	75	920 ± 3	2693
GeO ₂ -Li ₂ O	40	1115 ± 3	2693
K ₂ O-Na ₂ O-P ₂ O ₅	13-41.8-45.2	516	2474
K ₂ O-Na ₂ O-P ₂ O ₅	31-33-46	512	2474
K ₂ O-Na ₂ O-P ₂ O ₅	50-7.7-42.3	589	2474
K ₂ O-Na ₂ O-P ₂ O ₅	23.4-26.6-50.0	547	2474
K ₂ O-P ₂ O ₅	57.1	613	2474
K ₂ O-PbO-SiO ₂	* 7.3-45.8-46.9	637	2584
K ₂ O-PbO-SiO ₂	* 13.3-30.5-56.2	682	2584
K ₂ O-PbO-SiO ₂	* 11.6-33.7-54.7	683	2584
K ₂ O-PbO-SiO ₂	* 3.3-67.7-29.1	693	2584
K ₂ O-PbO-SiO ₂	* 3.4-61.9-34.6	704	2584
K ₂ O-PbO-SiO ₂	* 2.9-76.1-21	705	2584
K ₂ O-PbO-SiO ₂	* 21.-5.4-73.5	705 ± 10	2584
K ₂ O-PbO-SiO ₂	* 20.5-18-61.5	708	2584
K ₂ O-PbO-SiO ₂	* 17.5-22.8-59.6	716	2584

* Data recalculated from units as given in original reference.

Group: Oxide-Oxide (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
K ₂ O-PbO-SiO ₂	* 18.8-5.6-75.5	715 ± 5	2584
K ₂ O-PbO-SiO ₂	* 27.8-16.4-55.8	806	2584
K ₂ O-PbO-SiO ₂	* 4.3-87.2-8.5	840	2584
K ₂ O-PbO-SiO ₂	* 11.-11.2-77.8	718	2584
K ₂ O-PbO-SiO ₂	* 12.5-23.2-64.3	719	2584
K ₂ O-PbO-SiO ₂	* 6.3-37.6-56.1	730	2584
K ₂ O-PbO-SiO ₂	* 2.5-43.6-53.9	737	2584
K ₂ O-PbO-SiO ₂	* 21-12.5-66.5	740	2584
K ₂ O-SiO ₂	* ~22	~745	1615, 2584, 2604, 2611
K ₂ O-SiO ₂	* ~20	~770	1615, 2584, 2604, 2611
K ₂ O-SiO ₂	* ~43	~780	1615, 2584, 2604, 2611
K ₂ O-V ₂ O ₅	39	390	2519
Li ₂ O-MgO-SiO ₂	* 23.-13.2-63.7	930 ± 10	2482
Li ₂ O-MgO-SiO ₂	* 25.7-13.9-60.4	935 ± 10	2482
MgO-MnO-SiO ₂	* 29.3-18.4-52.2	1470	1478
MgO-MnO-SiO ₂	* 41.5-3.7-54.8	1536	1478
MgO-MnO-SiO ₂	* 34.8-27.3-37.9	1538	1478
MgO-P ₂ O ₅ -SiO ₂	43-39-18	1286	3662
MgO-P ₂ O ₅ -SiO ₂	47-38-15	1287	3662
MgO-SrO	52	1935	3217
MgO-TiO ₂	79	1707	2586
MgO-TiO ₂	56	1583	2586
MgO-TiO ₂	44	1592	2586
MgO-TiO ₂	14	1606	2586
MnO-SiO ₂	* 57.6	1251	1478
MnO-SiO ₂	* 71.1	1317	1478

* Data recalculated from units as given in original reference.

Group: Oxide-Oxide (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
MoO ₃ -WO ₃	98	765-770	3125
Na ₂ O-P ₂ O ₅	55.7	552	2474
Na ₂ O-SiO ₂	24.8	782	1615, 3275
Na ₂ O-SiO ₂	25.5	793	1615, 3275
Na ₂ O-SiO ₂	37.16	846	1615, 3275
Na ₂ O-SiO ₂	56.12	1022	1615, 3275
Na ₂ O-TiO ₂	50	1030	2264
Na ₂ O-TiO ₂	33	985	2264
Na ₂ O-TiO ₂	25	1128	2264
Na ₂ O-TiO ₂ -V ₂ O ₅	57.5-2-40.5	490	1519
Na ₂ O-V ₂ O ₅	6.5	650	1519
Na ₂ O-V ₂ O ₅	39	530	1519
Na ₂ O-V ₂ O ₅	61	534	1519
Nb ₂ O ₅ -TiO ₂	79	1467	2593
Nb ₂ O ₅ -TiO ₂	42	1475	2593
Nb ₂ O ₅ -TiO ₂	62	1465	2593
Nb ₂ O ₅ -ZnO	20	1300	778
Nb ₂ O ₅ -ZnO	32	1285	778
Nb ₂ O ₅ -ZnO	60	1365	778
Nb ₂ O ₅ -ZrO ₂	75	1435	2593
PbO-P ₂ O ₅ -SiO ₂	75.3-1.4-23.3	695	2834
PbO-P ₂ O ₅ -SiO ₂	77.7-21.7-0.6	948	2834
PbO-Sb ₂ O ₃	* 26.3	539 m	1895
PbO-Sb ₂ O ₅	91	820	2779
PbO-SiO ₂	75	714 ± 3	2580, 2584, 3290
PbO-SiO ₂	39	732 ± 2	2580, 2584, 3290
PbO-SiO ₂	59.5	716 ± 3	2580, 2584, 3290
PbO-TiO ₂	92.5	818	1318

* Data recalculated from units as given in original reference.

Group: Oxide-Oxide (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
PbO-WO ₃	32.5	930	1338
P ₂ O ₅ -SiO ₂	46.42	1072 ± 10	3046
P ₂ O ₅ -SiO ₂	40	1096 ± 10	3046
Sc ₂ O ₃ -SiO ₂	55	1850	3564
Sc ₂ O ₃ -SiO ₂	45	1770	3564
Sc ₂ O ₃ -SiO ₂	31.7	1660	3564
SiO ₂ -TiO ₂	* 91.9	1540 ± 10	1489, 2330, 2596, 2894, 3034
SiO ₂ -TiO ₂ -ZrO ₂	* (90.9-91.2)- 7.8-(1.26-1)	1500	1907
SiO ₂ -ZnO	50.9	1432	2572
SiO ₂ -ZnO	22.5	1507	2572

* Data recalculated from units as given in original reference.

Group: Oxide-Others

System	Composition mol %	Eutectic M.P., °C	Reference No.
FeO-FeS	* 47	940	2752
FeO-FeS	* 74.1	920	3196
FeO-FeS-MnS	45-40-15	900	2752
FeO-MnS	55	1020	2752
MgO-Mg ₂ SiO ₄	* <36.2	1850 ± 20	2315
MnO-MnS	45	1230	2752
MoO ₃ -Cs ₂ MoO ₄	45	458	1305
MoO ₃ -Cs ₂ MoO ₄	72	523	1305
MoO ₃ -Cs ₂ MoO ₄	77	530	1305
MoO ₃ -K ₂ MoO ₄	45	467	1305
MoO ₃ -K ₂ MoO ₄	53	481	1305
MoO ₃ -K ₂ MoO ₄	73	553	1305
MoO ₃ -K ₂ MoO ₄	78	547	1305
MoO ₃ -Rb ₂ MoO ₄	44	458	1305
MoO ₃ -Rb ₂ MoO ₄	51	478	1305
MoO ₃ -Rb ₂ MoO ₄	73	549	1305
MoO ₃ -Rb ₂ MoO ₄	78	546	1305
Na ₂ O-Na ₂ S	40	680	2803
Nb ₂ O ₅ -K ₂ CO ₃	11	794	2502
Nb ₂ O ₅ -K ₂ CO ₃	33.5	845	2502
Nb ₂ O ₅ -K ₂ CO ₃	65	1150	2502
PbO-K ₂ CrO ₄	1	870	82
PbO-K ₂ WO ₄	1	800	82
PbO-Li ₂ WO ₄	1	686	82
PbO-Na ₂ CrO ₄	1	726	82

* Data recalculated from units as given in original reference.

Group: Oxide-Others (cont.)

System	Composition mol %	Eutectic M.P., °C	Reference No.
PbO-Na ₂ TiO ₃	99	880	82
SiO ₂ -MgSiO ₃	* 19.3	1543 ± 2	2315
Ta ₂ O ₅ -K ₂ CO ₃	32.3	1090	2503
V ₂ O ₅ -KVO ₃	22.5	389	2791
V ₂ O ₅ -NaVO ₃	17	530	2790
V ₂ O ₅ -NaVO ₃	42	579	2790
V ₂ O ₅ -NaVO ₃	93.5	655	2790
WO ₃ -Bi ₂ (WO ₄) ₃	76.5	838	1338
WO ₃ -Rb ₂ WO ₄	39	563	1958

* Data recalculated from units as given in original reference.

Group: Silicate-Silicate

System	Composition mol %	Eutectic M.P., °C	Reference No.
BaSiO ₃ -Li ₂ SiO ₃	55	960	1657, 1789
BaSiO ₃ -Na ₂ SiO ₃	45	929	1789
CaSiO ₃ -Li ₂ SiO ₃	45.5	1024	1789
K ₂ SiO ₃ -Na ₂ SiO ₃	80	760	1290
K ₂ SiO ₃ -Na ₂ SiO ₃	65.5	760	1290
K ₂ SiO ₃ -Na ₂ SiO ₃	51	780	1290
K ₂ SiO ₃ -Na ₂ SiO ₃	82	753	2916
K ₂ SiO ₃ -Na ₂ SiO ₃	63.5	768	2916, 1290
K ₂ SiO ₃ -Na ₂ SiO ₃	51	784	2916

Group: Silicate-Others

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{CaSiO}_3\text{-CaTiO}_3$	66.6	1420 m	2929
$\text{K}_2\text{SiO}_3\text{-Na}_2\text{SiO}_3\text{-PbTiO}_3$	33.0-35.0-32	646	2916
$\text{K}_2\text{SiO}_3\text{-Na}_2\text{SiO}_3\text{-PbTiO}_3$	65.0-16.0- 19.0	590	2916
$\text{K}_2\text{SiO}_3\text{-Na}_2\text{SiO}_3\text{-PbTiO}_3$	40.5-33.5- 26.0	670	2916
$\text{MnSiO}_3\text{-MnTiO}_3$	77.7	1120	2929
$\text{Na}_2\text{SiO}_3\text{-NaBO}_2$	37	800	568
$\text{Na}_2\text{SiO}_3\text{-PbTiO}_3$	65	857	2237, 2916

Group: Phosphate-Phosphate

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{KPO}_3\text{-LiPO}_3$	63	528	1645
$\text{KPO}_3\text{-LiPO}_3$	36	518	1645
$\text{KPO}_3\text{-NaPO}_3$	46.8	547	1911
$\text{Ba}_3(\text{PO}_4)_2\text{-Ca}_3(\text{PO}_4)_2$	55.7	1201	2025
$\text{Ca}_3(\text{PO}_4)_2\text{-Mg}_3(\text{PO}_4)_2$ *	30.3	1111	1531
$\text{Li}_4\text{P}_2\text{O}_7\text{-Na}_4\text{P}_2\text{O}_7$	38.5	720	1836

* Data recalculated from units as given in original reference.

Group: Sulphide-Sulphide

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{Ag}_2\text{S}-\text{Bi}_2\text{S}_3-\text{PbS}$	81-5-14	592 m	1616
$\text{Ag}_2\text{S}-\text{Tl}_2\text{S}$	* 59.3	306	2787
$\text{Cu}_2\text{S}-\text{FeS}$	* 26.1	960-970	2382
$\text{Cu}_2\text{S}-\text{FeS}$	* 21-20.6	995	2544
$\text{FeS}-\text{MnS}$	90	1165	2752
$\text{FeS}-\text{Na}_2\text{S}$	* 43	585	2528
$\text{FeS}-\text{PbS}$	53	863	567
$\text{FeS}-\text{SnS}$	31	685	567
$\text{Sb}_2\text{S}_3-\text{SnS}$	* 54.1	461	3197

* Data recalculated from units as given in original reference.

Group: Nitrite-Nitrite

System	Composition mol %	Eutectic M.P., °C	Reference No.
Ba(NO ₂) ₂ -KNO ₂	32	220	1498
Ba(NO ₂) ₂ -KNO ₂	95	265	1498

Group: Chromate-Chromate

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{Ag}_2\text{CrO}_4\text{-Li}_2\text{CrO}_4$	40	415	3369
$\text{CaCrO}_4\text{-Na}_2\text{CrO}_4$	48.4	740	1736
$\text{K}_2\text{CrO}_4\text{-Li}_2\text{CrO}_4$	26	392	2010
$\text{K}_2\text{CrO}_4\text{-Li}_2\text{CrO}_4$	55	532	2010
$\text{K}_2\text{CrO}_4\text{-Na}_2\text{CrO}_4$	30	752 m	2676

Group: Chromate-Others

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{Ag}_2\text{CrO}_4\text{-Li}_2\text{MoO}_4$	70	452	3369
$\text{Ag}_2\text{CrO}_4\text{-Li}_2\text{WO}_4$	67.5	456	3369
$\text{K}_2\text{CrO}_4\text{-KBO}_2$	63	830	2677
$\text{K}_2\text{CrO}_4\text{-KBO}_2\text{-K}_2\text{B}_4\text{O}_7$	12.7-47.2-40.1	748	2677
$\text{K}_2\text{CrO}_4\text{-KBO}_2\text{-K}_2\text{B}_4\text{O}_7$	18.95-62.1- 18.95	794	2677
$\text{K}_2\text{CrO}_4\text{-K}_2\text{B}_4\text{O}_7$	8	756	2676, 2677
$\text{K}_2\text{CrO}_4\text{-K}_2\text{B}_4\text{O}_7\text{-Na}_2\text{B}_4\text{O}_7$	10-36-54	664 m	2676
$\text{K}_2\text{CrO}_4\text{-K}_2\text{Cr}_2\text{O}_7$	* 1.5	393	2770
$\text{K}_2\text{CrO}_4\text{-K}_2\text{TiO}_3$	12.0	796	1233
$\text{Na}_2\text{CrO}_4\text{-Na}_2\text{B}_4\text{O}_7$	25	715	2676
$\text{Na}_2\text{CrO}_4\text{-Na}_2\text{CO}_3$	52.2	655	1736
$\text{K}_2\text{Cr}_2\text{O}_7\text{-NaVO}_3$	* 55.4	310 m	2596

* Data recalculated from units as given in original reference.

Group: Borate-Borate-Others

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{KBO}_2\text{-LiBO}_2$	44	582	1640, 2244
$\text{KBO}_2\text{-LiBO}_2$	11	794	1640, 2244
$\text{KBO}_2\text{-K}_2\text{B}_4\text{O}_7$	48	778 m	2677
$\text{KBO}_2\text{-K}_2\text{WO}_4$	57	808	2244, 2401
$\text{KBO}_2\text{-LiBO}_2\text{-K}_2\text{WO}_4$	43-55-2	575	1639, 2244
$\text{LiBO}_2\text{-K}_2\text{WO}_4$	64	670	2244
$\text{LiBO}_2\text{-K}_2\text{WO}_4\text{-Li}_2\text{WO}_4$	8-58-34	564	1639, 2244
$\text{LiBO}_2\text{-K}_2\text{WO}_4\text{-Li}_2\text{WO}_4$	10-38-52	558	1639, 2244
$\text{LiBO}_2\text{-Li}_2\text{WO}_4$	15	686	1231, 2244, 2401
$\text{K}_2\text{B}_4\text{O}_7\text{-Na}_2\text{B}_4\text{O}_7$	35	666-686 m	1643, 2676

Group: Molybdate-Molybdate

System	Composition mol %	Eutectic M.P., °C	Reference No.
Ag_2MoO_4 - Li_2MoO_4	68	445	2671
Ag_2MoO_4 - Na_2MoO_4	79	546 m	1634
CdMoO_4 - Li_2MoO_4	19.5	654	3371
K_2MoO_4 - Li_2MoO_4	33	510	2010, 1785
K_2MoO_4 - Li_2MoO_4	59	550	2010
K_2MoO_4 - Li_2MoO_4	33.5	513	1785
K_2MoO_4 - Li_2MoO_4	59.5	547	1785, 2010
K_2MoO_4 - Li_2MoO_4 - Na_2MoO_4	23.0-40.5-36.5	388	1251
K_2MoO_4 - Li_2MoO_4 - Na_2MoO_4	19.0-45.5-35.5	388	1251
K_2MoO_4 - Na_2MoO_4	16	660	1788, 1585, 1691, 2249
K_2MoO_4 - Na_2MoO_4	19	667	1585, 1691, 2249
K_2MoO_4 - PbMoO_4	68	770	2010
K_2MoO_4 - PbMoO_4	37	815	2010
Li_2MoO_4 - Na_2MoO_4	51	460	1250
Li_2MoO_4 - PbMoO_4	88	658	2010
Na_2MoO_4 - PbMoO_4	71	638	2010

Group: Molybdate-Others

System	Composition mol %	Eutectic M.P., °C	Reference No.
$K_2MoO_4-K_2TiO_3$	17	786	1233
$Na_2MoO_4-Na_2WO_4$	40	676 m	1585, 1587

Group: Carbonate-Carbonate

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{BaCO}_3\text{-Na}_2\text{CO}_3$	27	686	1633
$\text{CaCO}_3\text{-K}_2\text{CO}_3$	~60	~790	2811, 1684
$\text{CaCO}_3\text{-K}_2\text{CO}_3\text{-Na}_2\text{CO}_3$ *	50-37-13	805 m	1697
$\text{CaCO}_3\text{-Li}_2\text{CO}_3$	* 32.8-	662	1148
$\text{CaCO}_3\text{-Na}_2\text{CO}_3$	40	785	1881
$\text{CaCO}_3\text{-Na}_2\text{CO}_3$	38	786	1736
$\text{K}_2\text{CO}_3\text{-Li}_2\text{CO}_3$	57.3	498	3363
$\text{K}_2\text{CO}_3\text{-Li}_2\text{CO}_3$	38.0	488	3363
$\text{K}_2\text{CO}_3\text{-Li}_2\text{CO}_3\text{-Na}_2\text{CO}_3$	25.0-43.5-31.5	397	3363
$\text{K}_2\text{CO}_3\text{-Na}_2\text{CO}_3$	40	704 m	1196
$\text{K}_2\text{CO}_3\text{-Na}_2\text{CO}_3$	46	712 m	1697, 1882
$\text{K}_2\text{CO}_3\text{-Na}_2\text{CO}_3$	40	700 m	2669, 1196, 1697, 1882
$\text{Li}_2\text{CO}_3\text{-Na}_2\text{CO}_3$	50	510	1148

* Data recalculated from units as given in original reference.

Group: Carbonate-Others

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{Na}_2\text{CO}_3\text{-BaTiO}_3$	98.6	826	1196, 3174

Group: Tungstate-Tungstate

System	Composition mol %	Eutectic M.P., °C	Reference No.
$\text{Ag}_2\text{WO}_4\text{-Li}_2\text{WO}_4$	55	560	3370
$\text{Bi}_2(\text{WO}_4)_3\text{-PbWO}_4$	72	812	1338
$\text{K}_2\text{WO}_4\text{-Li}_2\text{WO}_4$	33	570	2010, 2241, 2244, 2401
$\text{K}_2\text{WO}_4\text{-Li}_2\text{WO}_4$	64	592	2010, 2241, 2244, 2401
$\text{K}_2\text{WO}_4\text{-Li}_2\text{WO}_4$	33.5	560	2241, 2401, 2010, 2241
$\text{K}_2\text{WO}_4\text{-Li}_2\text{WO}_4$	63.5	575	2241, 2401, 2241, 2244
$\text{K}_2\text{WO}_4\text{-Li}_2\text{WO}_4$	33.5	560	2244, 2010, 2241, 2401
$\text{K}_2\text{WO}_4\text{-Li}_2\text{WO}_4$	63.5	572	2244, 2010, 2241, 2401
$\text{K}_2\text{WO}_4\text{-Na}_2\text{WO}_4$	15.5	642	1585, 1586, 1536
$\text{K}_2\text{WO}_4\text{-PbWO}_4$	67	800	2010, 2236
$\text{K}_2\text{WO}_4\text{-PbWO}_4$	39	850	2010, 2236
$\text{K}_2\text{WO}_4\text{-PbWO}_4$	67	792	2236, 2010
$\text{K}_2\text{WO}_4\text{-PbWO}_4$	41	826	2236, 2010
$\text{Li}_2\text{WO}_4\text{-PbWO}_4$	83.5	708	1088
$\text{Li}_2\text{WO}_4\text{-PbWO}_4$	83.5	707	2010
$\text{Na}_2\text{WO}_4\text{-PbWO}_4$	75	605	1632, 2010
$\text{Na}_2\text{WO}_4\text{-PbWO}_4$	80	620	2010, 1632

Group: Tungstate-Others

System	Composition mol %	Eutectic M.P., °C	Reference No.
$K_2WO_4-K_2TiO_3$	19.0	787	1233

Group: Cyanide-Cyanide

System	Composition mol %	Eutectic M.P., °C	Reference No.
AgCN-KCN	35.0	291.3	1135
AgCN-KCN	84.8	290	1135
AgCN-NaCN	* 28.4	422	1135
CuCN-KCN	* 86.8	280	1135
CuCN-KCN	* 58.5	275	1135
CuCN-NaCN	* 84.8	345	1135
CuCN-NaCN	* 58.2	371	1135
KCN-NaCN	43	502 m	1135
KCN-Zn(CN) ₂	* 53	515	1135
KCN-Zn(CN) ₂	* 80.8	487	1135

* Data recalculated from units as given in original reference.

Group: Thiocyanate-Thiocyanate

System	Composition mol %	Eutectic M.P., °C	Reference No.
KCNS-NaCNS	70	123	567, 568, 1340, 1495
KCNS-NaCNS	73.75	129	1340, 1495

Group: Titanate-Titanate

System	Composition mol %	Eutectic M.P., °C	Reference No.
BaTiO ₃ -SrTiO ₃	97.5	1585 m	2550
K ₂ TiO ₃ -Li ₂ TiO ₃	88.5	750	1089, 1509
K ₂ TiO ₃ -Na ₂ TiO ₃	86.5	784	1726
K ₂ TiO ₃ -Na ₂ TiO ₃	31.5	902	1726
Li ₂ TiO ₃ -Na ₂ TiO ₃	18.5	992	1089, 1237
Li ₂ TiO ₃ -Na ₂ TiO ₃	16	984	1237

Group: Titanate-Others

System	Composition mol %	Eutectic M.P., °C	Reference No.
BaTiO ₃ -KVO ₃	1	500	3174
BaTiO ₃ -NaVO ₃	1.3	611	3174
K ₂ TiO ₃ -KVO ₃	96	788	1233
K ₂ TiO ₃ -KVO ₃	1.3	512	1233
Na ₂ TiO ₃ -NaVO ₃	79.5	920	1233

Group: Perchlorate-Perchlorate

System	Composition mol %	Eutectic M.P., °C	Reference No.
Ba(ClO ₄) ₂ -NaClO ₄	43	310	1236
Ca(ClO ₄) ₂ -LiClO ₄	13.1	228	1579
Ca(ClO ₄) ₂ -NaClO ₄	55	270	1579
KClO ₄ -LiClO ₄	24	207	2127
LiClO ₄ -NaClO ₄	72.5	208	2127

Group: All Others

System	Composition mol %	Eutectic M.P., °C	Reference No.
KClO ₃ -NaClO ₃	11	236 m	1707, 1972
KVO ₃ -LiVO ₃ -NaVO ₃	* 74.2-11.2-14.5	461 m	2596
Li ₄ SiO ₄ -ZrSiO ₄	70	1021	2906
Li ₃ VO ₄ -Pb ₃ (VO ₄) ₂	44.4	736	2250

* Data recalculated from units as given in original reference.

LIST OF EUTECTIC MELTING POINTS FOR ALL SYSTEMS

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Eutectic M.P., °C	System	Composition mol %	Reference No.
-138 ± .25	BF ₃ -N ₂ O	76.6	2533
-128.6 ± .25	BF ₃ -SO ₂	95.2	2533
-97.15 ± .25	BF ₃ -SO ₂	38	2533
-88	TiCl ₄ -VOCl ₃	* 18.6	2822
-86.5	VOCl ₄ -VOCl ₃	* 27.8	2822
-56	AsBr ₃ -S ₂ Br ₂	13.5	1931
-54.1	AsBr ₅ -BBr ₃	5.8	1626
-52.5	BBr ₃ -SnBr ₄	81.7	1626
-50.0	PBr ₃ -SnBr ₄	84.0	1931
-49.5	CsF-HF	17.2	2510
-47.5	S ₂ Br ₂ -SnBr ₄	95.5	1931
-46.1 ± .5	AlBr ₃ -BBr ₃	5.24	1626
3.5	AsBr ₃ -SnBr ₄	45	1931
16.9	CsF-HF	29.1	2510
19.35 m	SnBr ₄ -SnI ₄	77.5	2889
20	AlBr ₃ -SnBr ₄	26.0	1931
23.5	AsBr ₃ -PBr ₅	82.5	1931
25.5	AlBr ₃ -AsBr ₃	26	571, 1931
27.0	SbBr ₃ -SnBr ₄	6.0	1931
28	AlBr ₃ -AsBr ₃	26	571, 1931
38.3	CsF-HF	36.1	2510
42	Ca(NO ₃) ₂ -NaNO ₃ -NH ₄ NO ₃	* 9.8-13.6-76.6	2960
44	Ca(NO ₃) ₂ -NH ₄ NO ₃	* 16.6	2960
70	AlCl ₃ -KCl-NaCl	66-14-20	334, 399, 682, 684, 2993
73	AlCl ₃ -AlBr ₃	* 35.	571
74	AlCl ₃ -GaCl ₃	6	1346
76	AgNO ₃ -KNO ₃ -NaNO ₃ -TlNO ₃	52-0.5-1.7- 45.8	1320

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
78	$\text{AgNO}_3\text{-NaNO}_3\text{-TlNO}_3$	51.8-2.2-46	1320, 1705
78	$\text{AlCl}_3\text{-NaCl-TaCl}_5$	61.3-37.2- 1.52	1588
79	$\text{AgNO}_3\text{-KNO}_3\text{-TlNO}_3$	52.7-0.5- 46.8	1320
79	$\text{AgNO}_3\text{-NaNO}_3\text{-TlNO}_3$	46.4-2.3- 51.3	1320, 1705
81	$\text{AgNO}_3\text{-TlNO}_3$	53	1307, 1320, 1386
81	$\text{AgNO}_3\text{-TlNO}_3$	47.5	1307, 1320, 1386
83.8	$\text{BCl}_3\text{-POCl}_3$	50	3508
84	$\text{Cd(NO}_3)_2\text{-CsNO}_3\text{-TlNO}_3$	* 31.9-21.2- 46.8	1218
88	$\text{AlBr}_3\text{-KBr}$	74	388, 1427, 2993
88-9	$\text{AlCl}_3\text{-KCl-NaCl}$	63.5-16.5- 20.0	334, 399, 682, 684, 2993!
92	$\text{KNO}_3\text{-LiNO}_3\text{-NH}_4\text{NO}_3$	14.5-27-58.5	3348
93	$\text{AlCl}_3\text{-KCl-NaCl}$	60-14-26	334, 399, 682, 684, 2993
93	$\text{AlCl}_3\text{-NaCl}$	66	245, 334, 399, 400, 680, 681, 684, 703, 1384, 1588, 1926, 2993
94	$\text{AgNO}_3\text{-NaNO}_3\text{-NH}_4\text{NO}_3$	20.5-12-67.5	2876
94	$\text{AlCl}_3\text{-KCl-NaCl}$	62.13-12.70- 25.17	334, 399, 682, 684, 2993
94	$\text{KNO}_3\text{-LiNO}_3\text{-TlNO}_3$	34-33-33	1096
95	$\text{AgNO}_3\text{-NaNO}_3\text{-NH}_4\text{NO}_3$	36.5-8-55.5	2876
95	$\text{AlBr}_3\text{-NaBr}$	82	388, 2993
95	$\text{Cd(NO}_3)_2\text{-TlNO}_3$	* 27.4	1218
97	$\text{AgNO}_3\text{-KNO}_3\text{-NH}_4\text{NO}_3$	24.86-6.94- 68.28	1190

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
97	$\text{AlCl}_3\text{-NaCl-NbCl}_5$	61.0-37.0-2.0	1588
98	$\text{LiNO}_3\text{-NH}_4\text{NO}_3$	27.5	3348
100	$\text{AgNO}_3\text{-LiNO}_3\text{-RbNO}_3$	53-13-34	1097
100	$\text{AlCl}_3\text{-SeCl}_4$	65.2	451
101	$\text{AgNO}_3\text{-NH}_4\text{NO}_3$	30	1190
103	$\text{AgNO}_3\text{-LiNO}_3\text{-RbNO}_3$	47.4-18.6-34	1097
108	$\text{AlCl}_3\text{-NaCl}$	61	245, 334, 399, 400, 680, 681, 684, 703, 1384, 1588, 1926, 2993
108	$\text{AlCl}_3\text{-TeCl}_4$	62.5	451
110	$\text{AlCl}_3\text{-NbCl}_5\text{-TaCl}_5$	* 69.8-17.2-13	2821
110	$\text{Cd(NO}_3)_2\text{-LiNO}_3\text{-NaNO}_3$	* 38.9-20.1- 40.9	1094
112	$\text{AgNO}_3\text{-LiNO}_3\text{-RbNO}_3$	34-14-52	1097
112	$\text{AlCl}_3\text{-NaCl}$	62	245, 334, 399, 400, 680, 681, 684, 703, 1384, 1588, 1926, 2993
113	$\text{AgCl-AgNO}_3\text{-KNO}_3$	2.8-59.5-37.7	1688
114-149	$\text{AlCl}_3\text{-KCl}$	71-65.5	2993
114	$\text{AlCl}_3\text{-LiCl}$	60	703, 2993
114	$\text{AlCl}_3\text{-TeCl}_4$	39.5	451
115	$\text{AlCl}_3\text{-CsCl-TaCl}_5$	* 69.7-18.7- 11.6	1331
115	$\text{AlCl}_3\text{-KCl-NbCl}_5$	50-5-45	1589
115	$\text{AlCl}_3\text{-NaCl}$	60	245, 334, 399, 400 680, 681, 684, 703, 1384, 1588, 1926, 2993
115	$\text{AlCl}_3\text{-POCl}_3$	65	2364
116	$\text{AgNO}_3\text{-KNO}_3\text{-NaNO}_3$	51-42-7	1320

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
116	$\text{AlCl}_3\text{-KCl-ZrCl}_4$	65-33-2	3503
116	$\text{AlCl}_3\text{-ZrCl}_4$	83	3503
117.4	$\text{Ca(NO}_3)_2\text{-KNO}_3\text{-LiNO}_3$	* 8.8-59-32.1	2444
118	$\text{AlCl}_3\text{-TaCl}_5$	* 61.2	1332, 1588, 2821
119	$\text{AgBr-AgNO}_3\text{-KNO}_3$	1.9-61.10- 37.0	1688
120-139	$\text{KNO}_3\text{-LiNO}_3$	(57-61.5)	750, 983, 1095, 1096, 1840, 3348
122	CuCl-TlCl	60	3144
123	$\text{AlCl}_3\text{-NaCl}$	59	245, 334, 399, 400, 680, 681, 684, 703, 1384, 1588, 1926, 2993
123	KCNS-NaCNS	70	567, 568, 1340, 1495
125	$\text{AlCl}_3\text{-NbCl}_5$	* 54.3	1332, 1588, 2821
128	$\text{AgNO}_3\text{-RbNO}_3$	67.5	1217, 2642
128	$\text{AlCl}_3\text{-KCl}$	67	334, 398, 399, 400, 680, 684, 703, 1388, 1464, 2991, 3503
129	KCNS-NaCNS	73.75	1340, 1495
131	$\text{AgNO}_3\text{-KNO}_3$	(61-62.3)	1091, 1190, 1320, 1546, 1688, 3641
132-136.5	$\text{LiNO}_3\text{-TlNO}_3$	(29.5-36.2)	1096, 1801
133	$\text{Ca(NO}_3)_2\text{-KNO}_3\text{-NaNO}_3$	32-52-16	1310, 1378, 2235
133	$\text{Ca(NO}_3)_2\text{-KNO}_3\text{-NaNO}_3$	13-22-65	1310, 1378, 2235
135	$\text{HgCl}_2\text{-NH}_4\text{Cl}$	42	2234, 2235, 2794
135	$\text{Mg(NO}_3)_2\text{-NaNO}_3$	* 37.4	3057
136	$\text{AgNO}_3\text{-RbNO}_3$	40	1217, 2642
136	CuCl-KCl	67	348, 816, 3144
137	$\text{Ca(NO}_3)_2\text{-KNO}_3\text{-Mg(NO}_3)_2$	* 30.7-64.3- 5	3057
137	$\text{Ca(NO}_3)_2\text{-TlNO}_3$	* 21.6	1497

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol%	Reference No.
138	$\text{KNO}_3\text{-NaNO}_3\text{-TlNO}_3$	24-25-51	1320
140	$\text{AlCl}_3\text{-NaCl-NbCl}_5$	48.8-48.4- 2.8	1588
140	$\text{AlCl}_3\text{-NaCl-TaCl}_5$	46.7-51.2- 2.1	1588
140	$\text{KNO}_3\text{-NaNO}_2$	40	967
142	$\text{AlCl}_3\text{-FeCl}_3\text{-NaCl}$	49-2-49	2110
142-146	$\text{Ca(NO}_3)_2\text{-KNO}_3$	(34.2-34.9)	2398, 2432, 2441, 2672, 2639
142	$\text{KNO}_3\text{-NaNO}_3\text{-NaNO}_2$	49-49-7	444, 967
143	$\text{CuCl-NH}_4\text{Cl}$	41	567, 1302
145	$\text{AlCl}_3\text{-FeCl}_3\text{-NaCl}$	48-3-49	2110
148	$\text{AlCl}_3\text{-CsCl}$	* 74.6	1331
148	$\text{FeCl}_3\text{-NaCl-NbCl}_5$	48-50.5-1.5	1912
148	$\text{FeCl}_3\text{-NaCl-NbCl}_5$	52.3-46.0-1.7	1912
149	$\text{AlCl}_3\text{-FeCl}_3\text{-NaCl}$	46-3-51	2110
150	$\text{AlCl}_3\text{-NaCl}$	50	245, 334, 399, 400, 680, 681, 684, 703, 1384, 1588, 1926, 2993
150	CuCl-KCl	66	348, 816, 3144
150	CuCl-RbCl	68	3141
151	$\text{FeCl}_3\text{-NaCl}$	46	967, 1395, 1678
151.5	CsF-HF	54.7	2510
152	$\text{Cd(NO}_3)_2\text{-RbNO}_3$	37	1313
155	AgBr-AgNO_3	24	567, 568, 1625, 1688, 2898
155	AgBr-AgNO_3	25	2898
156	$\text{KNO}_3\text{-NH}_4\text{NO}_3$	11.2	1190, 3348
158	$\text{FeCl}_3\text{-NaCl}$	54	967, 1395, 1678
162	$\text{NaNO}_3\text{-TlNO}_3$	(20.5-23)	567, 568, 1320

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
162.5	$\text{Cd}(\text{NO}_3)_2\text{-CsNO}_3$	39.3	1218
162.5	$\text{ZrCl}_4\text{-POCl}_3$	40.25	2912
163	AgBr-AgNO_3	23	567, 568
163	$\text{AgNO}_3\text{-CsNO}_3$	67.5	2643
166	$\text{Cd}(\text{NO}_3)_2\text{-CsNO}_3$	29.5	1218
166	$\text{NaCl-Na}_2\text{SO}_4\text{-KCNS}$	3-0.3-96.7	1340
167	$\text{Cd}(\text{NO}_3)_2\text{-RbNO}_3$	58.5	1313
168	$\text{HgBr}_2\text{-KBr}$	57.5	1631
168	$\text{KCl-K}_2\text{SO}_4\text{-KCNS}$	3.4-0.2-96.4	1340
168.5	$\text{AgNO}_3\text{-CsNO}_3$	82.5	2643
169	NaCl-KCNS	3	1340
170	$\text{AlCl}_3\text{-KCl-NbCl}_5\text{-TaCl}_5$	*18-50-15.5- 16.5	1589
170	$\text{Ba}(\text{NO}_3)_2\text{-KNO}_2$	*24.2	1498
170.3	$\text{Ca}(\text{NO}_3)_2\text{-LiNO}_3\text{-NaNO}_3$	*16.5-40.5-43	2504
171	$\text{SnCl}_2\text{-ZnCl}_2$	56	567
171.5	$\text{AgNO}_3\text{-LiNO}_3$	75	709, 2642
172	$\text{AgCl-AgNO}_3\text{-Ca}(\text{NO}_3)_2$	*18.5-78.3-3.1	1238
172	$\text{LiNO}_3\text{-LiClO}_4$	46.5	3422
173	KCl-KCNS	3.4	1340, 1495
175.3	$\text{ZrCl}_4\text{-POCl}_3$	56.5	2912
175.5	$\text{Pb}(\text{NO}_3)_2\text{-TlNO}_3$	*12.2	2360
176	AgCl-AgNO_3	18.5	567, 568, 1194, 1625, 1688
176	$\text{HgCl}_2\text{-TlNO}_3$	12.8	2018
177	$\text{K}_2\text{SO}_4\text{-KCNS}$	*.2	1340
178	$\text{KNO}_3\text{-Mg}(\text{NO}_3)_2$	*51.5	3057
180	$\text{AlCl}_3\text{-KCl-NbCl}_5$	4-6-90	1589
180	$\text{AlCl}_3\text{-KCl-TaCl}_5$	21.3-50-28.7	1589

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
180	$\text{FeCl}_3\text{-KCl-ZrCl}_4$	30.0-35.0- 35.0	3503
180	$\text{FeCl}_3\text{-KCl-ZrCl}_4$	59.0-34.0-7.0	3503
180	$\text{KCl-NbCl}_5\text{-TaCl}_5$	15.5-69-15.5	1589
180	KCl-SnCl_2	38	2159, 2888
181-182	$\text{KNO}_3\text{-TlNO}_3$	(28-30)	1096, 1320
182	$\text{AlCl}_3\text{-KCl-ZrCl}_4$	20-40-40	3503
182	CuBr-KBr	* 28.1	2713
182	$\text{HgCl}_2\text{-KCl}$	68	2234
183	$\text{HgCl}_2\text{-TlCl}$	64	3138
183	NaCl-SnCl_2	32	2888
184	$\text{NaCl-NbCl}_5\text{-ZrCl}_4$	* 18.8-54.4- 26.7	3424
185	$\text{CdI}_2\text{-KI}$	52.5	125, 2319
185 m	$\text{SnCl}_2\text{-TlCl}$	82	3138
186	$\text{NbCl}_5\text{-ZrCl}_4$	* 65.7	3424
188	CsCl-SnCl_2	17	1485
192	$\text{HgCl}_2\text{-TlNO}_3$	37	2018
192	RbCl-SnCl_2	17	1485
193	$\text{HgCl}_2\text{-NH}_4\text{Cl}$	39	2234, 2235, 2794
193.7-195	$\text{AgNO}_3\text{-Ca(NO}_3)_2$	90	1066, 1269, 1497
194	$\text{AlCl}_3\text{-CsCl-TaCl}_5$	* 5-6-89	1331
195	$\text{AlCl}_3\text{-KCl-NbCl}_5$	15-52-33	1589
195	$\text{KNO}_3\text{-Mg(NO}_3)_2$	* 78.2	3057
195-198	$\text{LiNO}_3\text{-NaNO}_3$	(55-58.5)	743, 1094, 1665, 3435
196	AgI-RbI	75	3546
196	$\text{NaCl-NbCl}_5\text{-ZrCl}_4$	* 35.6-49.2- 15.2	3424

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
197	HgCl ₂ -TlNO ₃	58.5	2018
198	FeCl ₃ -NbCl ₅	* 20.6	2821
198	HgCl ₂ -NH ₄ Cl	61.3	2234, 2235, 2794
200	FeCl ₃ -TaCl ₅	* 24.3	2821
200.2	AgNO ₃ -Pb(NO ₃) ₂	* 95.5	1663, 2360
201	AlCl ₃ -KCl-NbCl ₅	* 27.5-50.- 22.5	1589
201	KCl-SnCl ₂	17	2159, 2888
202	FeCl ₃ -KCl	53	3503
203	RbCl-SnCl ₂	44.5	1485
203.1	AgNO ₃ -Pb(NO ₃) ₂	96.2	1663
205	HgCl ₂ -TlCl	32	3138
206	SrCl ₂ -AgNO ₃	0.5	1238
207	KClO ₄ -LiClO ₄	24	2127
208	LiClO ₄ -NaClO ₄	72.5	2127
210	AgCl-TlCl	60	1386, 1423, 1719
210	BeCl ₂ -NaCl	55	1276, 1486, 1541
210	CdCl ₂ -CdI ₂ -TlI	24.5-43.5- 32.0	3476
210	KCl-PbCl ₂ -ZnCl ₂	42-6-52	2958
211.3-232	Ca(NO ₃) ₂ -NaNO ₃	* (32.1-33.4)	1310, 1497, 2439, 2504, 2672, 3057
213	NbCl ₅ -TaCl ₅	* 57	1332
213	TlCl-ZnCl ₂	48	1922
215	CsCl-CuCl	23	3150
215	LiCl-SnCl ₂	15	2887
215.2	KNO ₃ -Pb(NO ₃) ₂	* 77.0	2361
216	HgI ₂ -NaI	74	1631
218	InCl ₃ -SnCl ₂	* 8.7	3323

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
218-222	$\text{KNO}_3\text{-NaNO}_3$	(50-54.5)	465, 750, 1320, 1386, 1521, 1707, 2083, 2145, 3057, 3318
220	$\text{Ba}(\text{NO}_2)_2\text{-KNO}_2$	32	1498
220	KCl-ZrCl_4	42.2	700, 1242, 3503
223	RbCl-SnCl_2	51.5	1485
224	LiBr-LiNO_3	25	743
228	AgBr-RbBr	68	1156, 3546
228	$\text{Ca}(\text{ClO}_4)_2\text{-LiClO}_4$	13.1	1579
228	KCl-KOH-LiOH	6.0-64.0-30.0	2959
229	$\text{KCl-PbCl}_2\text{-ZnCl}_2$	23-14-63	2958
229.5	HF-KF	48.60	2511
230	KCl-ZnCl_2	51	1092, 1240, 2143
230-249	$\text{LiNO}_3\text{-Sr}(\text{NO}_3)_2$	(95-98)	1839, 2950
232	$\text{HgBr}_2\text{-NaBr}$	91.5	1631
232	$\text{HgBr}_2\text{-PbBr}_2$	95	3143
233	$\text{CdCl}_2\text{-SnCl}_2$	10	567, 568, 3139
233	$\text{MnCl}_2\text{-SnCl}_2$	5	567, 568, 3139
234-235.2	$\text{Ca}(\text{NO}_3)_2\text{-LiNO}_3$	(15.3-15.9)	1497, 2444
235	$\text{AlCl}_3\text{-KCl-ZrCl}_4$	46-52-2	3503
235	$\text{FeCl}_3\text{-KCl-ZrCl}_4$	44.0-53.0-3.0	3503
235	KCl-ZrCl_4	34.5	700, 1242, 3503
236	CsCl-CuCl	~45	3150
236 m	$\text{KClO}_3\text{-NaClO}_3$	11	1707, 1974
240	AgCl-KCl-AgI	43-4-53	2638
242	$\text{HfCl}_4\text{-KCl}$	62.0	700
242	$\text{PbCl}_2\text{-ZnCl}_2$	7	340, 567
243	AgI-KI	62	173, 2638, 3546

Eutectic M.P., °C	System	Composition mol %	Reference No.
244	$\text{Ba}(\text{NO}_3)_2\text{-Ba}(\text{NO}_2)_2\text{-KNO}_2$	* 4.9-90.2-4.9	1498
244	LiCl-LiNO_3	12.5	2950
244	AgI-KI	71.5	173
245	$\text{AgCl-NH}_4\text{Cl}$	* 8.5	2794
248	NaCl-NbCl_4	33	3489
250	AgCl-HgCl	* 57.4	2794
250	AgCl-LiCl-LiNO_3	0.5-12.0-87.5	1745
250	$\text{CdI}_2\text{-TlI}$	45	3470, 3476
250	$\text{LiNO}_3\text{-Li}_2\text{CO}_3$	98.1	568
251	AgCl-RbCl	60	567, 568
252	$\text{Ba}(\text{NO}_3)_2\text{-Ba}(\text{NO}_2)_2$	6	1421, 1498
252	$\text{LiNO}_3\text{-Li}_2\text{SO}_4$	* 97.9	2401
254	AgI-KI	79.2	173, 2638, 3546
254	$\text{PbBr}_2\text{-PbI}_2$	49	567, 568, 691, 3092
255	$\text{CdI}_2\text{-TlI}$	56	3470
256	$\text{CdI}_2\text{-TlI}$	45	3470
256	$\text{PbBr}_2\text{-PbI}_2$	51	3092
258	AgCl-CsCl	72	3150
259	LiBr-RbBr	59	1839
260	AgCl-CuCl	46	567, 568, 3144
260	$\text{CdCl}_2\text{-TlCl-TlI}$	* 15.3-54.2- 30.5	3476
262	LiCl-LiOH	37	2959
263	CuCl-FeCl_3	39.6	569
264	AgCl-AgI	53.5	2638
264	$\text{HgCl}_2\text{-NaCl}$	86	2234
265	$\text{Ba}(\text{NO}_2)_2\text{-KNO}_2$	95	1498

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
266-277.5	$\text{KNO}_3\text{-Sr}(\text{NO}_3)_2$	(82-86)	1311, 1839
266	$\text{MnCl}_2\text{-ZnCl}_2$	2	567
267	$\text{LiCl-NH}_4\text{Cl}$	50	567, 1302
268	$\text{CdI}_2\text{-NaI-PbI}_2$	42-44-14	1243
270	$\text{Ca}(\text{ClO}_4)_2\text{-NaClO}_4$	55	1579
270	$\text{CdCl}_2\text{-TlI}$	42.5	3476
270	$\text{KCl-PbCl}_2\text{-PbI}_2$	* 31.2-27.8- 40.9	2229
270	NaCl-ZnCl_2	42	967, 1092
271	$\text{MgCl}_2\text{-ZnCl}_2$	1	567, 1133
271.8	$\text{NaNO}_3\text{-Pb}(\text{NO}_3)_2$	* 84.1	2361
273	LiBr-RbBr	55	1839
274	$\text{NaBr-NaNO}_3\text{-Sr}(\text{NO}_3)_2$	8-87-5	3501
275	CuCN-KCN	* 58.5	1135
276	$\text{CdCl}_2\text{-CdI}_2\text{-PbI}_2$	33-13-54	1479
276	$\text{InCl}_3\text{-ZnCl}_2$	4	1742
277	$\text{CdBr}_2\text{-KBr-PbBr}_2$	24-52-24	1278
278	$\text{HgCl}_2\text{-LiCl}$	98.4	2234
278	KCl-KI-PbI_2	* 4.8-33.2-61.9	1677
280	$\text{GdBr}_2\text{-KBr-PbBr}_2$	17-11-72	1278
280	$\text{CdBr}_2\text{-NaBr-PbBr}_2$	13-25-62	1263
280	CuCN-KCN	* 86.8	1135
280	KCl-LiCl-LiOH	11.5-45.0- 43.5	2959
280	$\text{NaCl-Ba}(\text{NO}_3)_2\text{-NaNO}_3$	* 7.9-5.8-86.2	2229
281	NaCl-NaNO_2	1.1	567
282	CsCl-NbCl_4	~43	1715
282	$\text{PbBr}_2\text{-PbI}_2$	52	691
282	$\text{NaCl-Na}_2\text{CO}_3\text{-NaOH}$	* 7.8-6.4-85.8	1266

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
283	CuCl-ZnCl ₂	12	1227
283	KCl-LiCl-LiOH	1.5-36.5-62.0	2959
284	Ba(NO ₃) ₂ -NaNO ₂	15.2	1312, 1503, 2439
284	CuCl-CuI	57	567
285	AgBr-KBr	68	567, 568, 708, 902, 1153, 1688, 3266, 3546
285	LiCl-ZnCl ₂ -Li ₂ SO ₄	* 23.-76.5-.44	1824
285	NaCl-CdI ₂ -NaI	* 36.2-36.2- 27.5	1569
285.7-287	Ba(NO ₃) ₂ -KNO ₃	(12.1-12.68)	1312, 1498, 1899, 2145, 2439
286	AgBr-KBr	69	567, 568, 708, 902, 1153, 1688, 3266, 3546
286	AgCl-CdCl ₂ -PbCl ₂	39.7-23.7- 36.6	2229, 2877
286	CsCl-ZrCl ₄	32.8	700
287	CdI ₂ -NaI	52	1243, 1569
287-300	NaNO ₃ -Sr(NO ₃) ₂	(91-95)	1311, 1839, 3501
290	AgBr-KBr	51	567, 568, 708, 902, 1153, 1688, 3266, 3546
290	AgCl-Ag ₂ SO ₄ -Li ₂ SO ₄	No comp. given	1890
290	AgCN-KCN	84.8	1135
290	CdCl -NaCl-TlCl	22-4-74	2027
290	CdCl ₂ -TlCl	(23-27)	1723, 3138, 3476
290	CdCl ₂ -TlCl	63-67.5	1723, 3138, 3476
290	CdCl ₂ -TlCl-CdSO ₄	* 16-76.5-7.4	1723
291	NaCl-Na ₂ CO ₃ -NaOH	* 6-6.6-87.3	1266

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
291.3	AgCN-KCN	35.0	1135
292	CdBr ₂ -KBr-NaBr	35-52-13	1262
292	NaBr-NaNO ₃	9.5	743, 3501
293	NaCl-Na ₂ SO ₄ -NaCNS	4.2-1.0-94.8	1340
293	ZnCl ₂ -Li ₂ SO ₄ -ZnSO ₄	90.3-0.7-9.0	1824
294-298	Ba(NO ₃) ₂ -NaNO ₂	(6.2-6.7)	1312, 1503, 2439
294	LiCl-ZnCl ₂	23	1824
295	CdCl ₂ -PbCl ₂ -PbI ₂	31.5-37-31.5	1479
295	KF-NaF-KNO ₃	7-2.5-90.5	1698
297	CdBr ₂ -KBr	36	614, 1262, 1278
297	CdBr ₂ -KBr-PbBr ₂	38-31-31	1278
297	CdCl ₂ -TlCl	23	1386, 1723, 2027, 3138, 3476
297.5	FeCl ₂ -FeCl ₃	13.5	3161
298 ± 5	CdCl ₂ -NaF	~55	233
298	KCl-KNO ₃ -KClO ₃	6.9-74.5-18.6	2837
298	KCl-NbCl ₄	~40	3489
298	KF-KNO	9	1698
298	NaCl-NaNO ₃	5	567, 568
300	CdBr ₂ -KBr	37	614, 1262, 1278
300	FeCl ₃ -ZrCl ₄	85.18	3503
300	KI-NaI-PbI ₂	27-12-61	1261
300	NaNO ₃ -Na ₂ SO ₄	97	568
300 m	TlCl-CdI ₂	* 66.6	3476
300	ZnCl ₂ -ZnSO ₄	90	1824
302	CsCl-HfCl ₄	34.9	700
302	NaCl-NaCNS	4.8	1340, 1495
304	AgCl-Ag ₂ SO ₄	* 69.3	1259, 1890
304	NaF-NaNO ₃	3.5	1698

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
304	$\text{NaNO}_3\text{-Na}_2\text{CO}_3$	97.6	568
304	$\text{TlCl-CdSO}_4\text{-Tl}_2\text{SO}_4$	* 72.6-19.7-7.6	1723
306	AgCl-KCl	70	567, 568, 706, 708, 897, 1688, 2020, 2638, 2913, 3266
306	$\text{Ag}_2\text{S-Tl}_2\text{S}$	* 59.3	2787
309	$\text{NaBr-PbBr}_2\text{-TlBr}$	14-80-6	462
310	$\text{Ba}(\text{ClO}_4)_2\text{-NaClO}_4$	43	1236
310	$\text{CdBr}_2\text{-TlBr}$	25	3470
310 m	$\text{K}_2\text{Cr}_2\text{O}_7\text{-NaVO}_3$	* 55.4	2596
310	$\text{ZnCl}_2\text{-Li}_2\text{SO}_4$	99	1824
311-313	$\text{CoCl}_2\text{-ZnCl}_2$	* 7.3	2621
311	$\text{Na}_2\text{SO}_4\text{-NaCNS}$	* 2	1340
311	NaCl-ZrCl_4	35.4	457, 700, 3424
314	AgCl-PbCl_2	60.02	311, 568, 1164, 1234, 1259, 3266
314	CuCl-NaCl	75	567, 568, 571, 2712, 3144
314	CuCl-NaCl	74	567, 568, 571, 2712, 3144
314	CuCl-NaCl	73	567, 568, 571, 2712, 3144
314	$\text{KNO}_3\text{-K}_2\text{WO}_4$	* 94.2	2401
315	AgCl-KCl-KNO_3	0.39-5.61- 94.0	1688
316	$\text{InCl}_3\text{-NaCl}$	39	1742
316	TlCl-CdSO_4	* 47.3	1723
316	TlCl-TlI	52.5	3476
317	$\text{KNO}_3\text{-CaCrO}_4$	* 99.6	2398

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
318	AgCl-KCl	70	567, 568, 706, 708, 897, 1688, 2020, 2638, 2913, 3266
318	LiCl-RbCl	58.3	1138
320	BaCl ₂ -KCl-LiCl	6.38-39.36- 54.26	1042
320	CdCl ₂ -KCl-PbCl ₂	42.5-19-38.5	1570, 1732
320	CuCl ₂ -KCl	38	348
320	KCl-KNO ₃	6	1625, 1688, 2837
321	KNO ₃ -K ₂ CrO ₄	98.5	2398
322	CuCl-NaCl	73	567, 568, 571, 2712, 3144
323	CdCl ₂ -NaCl-PbCl ₂	36-18-46	3467
323	CsCl-LiCl	40.7	1137, 1138, 1658
324	KCl-LiCl-Li ₂ SO ₄	* 38.9-57.1-3.9	1085
324	NaBr-PbBr ₂	17.7	1263
324	NaBr-PbBr ₂	18	462, 1263, 1482
325	AgCl-KCl	75	567, 568, 706, 708, 897, 1688, 2020, 2638, 2913, 3266
325	CuCl ₂ -KCl	30	348
326	CsCl-LiCl-Li ₂ SO ₄	* 44.3-53.9-1.7	1658
326	KNO ₃ -K ₂ CO ₃	96	568
326	KCl-PbCl ₂ -ZnCl ₂	52-18-30	2958
326	LiCl-TlCl-Li ₂ SO ₄	* 34.2-65.3-.5	1646
326	PbCl ₂ -PbI ₂	35	1158, 2228
328	CdCl ₂ -KCl-PbCl ₂	21.5-51.8-26.7	1570, 1732
329	AgCl-InCl ₃	32	1742
330	CuCl-HgCl	* 56.2	2794

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
330	HfCl ₄ -NaCl	59.4	700
330	KBr-PbBr ₂	16	3450
330	KI-PbI ₂	30.5	1261
330	NaCl-PbCl ₂ -PbI ₂	* 9.5-25.7-64.7	1571
330	TlCl-Li ₂ SO ₄ -Tl ₂ SO ₄	* 79.5-1.8-18.7	1646
332	CsCl-LiCl	41.5	1137, 1138, 1658
332	CsCl-LiCl	42	1137, 1138, 1658
332	KNO ₃ -K ₂ SO ₄	97	568
334	TlCl-ZnCl ₂	78	1922
335	KBr-PbBr ₂	10	3442
336	AgCl-Ag ₂ CrO ₄ -Li ₂ CrO ₄	* 74.4-20.5-5.0	3369
337	CsCl-SnCl ₂	61.5	1485
337	KI-NaI-PbI ₂	49-3-48	1261
338	PbCl ₂ -PbI ₂	64	1158, 2228
338	TlCl-Li ₂ SO ₄ -Tl ₂ SO ₄	* 80.9-1.2-17.8	1646
340 ± 5	BeF ₂ -KF	62	189, 1535
340	CaCl ₂ -KCl-LiCl	5.8-43.3-50.9	776
340	CdBr ₂ -PbBr ₂	15	1278, 1481
340	CdCl ₂ -PbBr ₂	20.	1481
340	CeCl ₃ -NaCl-ThCl ₄	2.6-67.4-30.0	470
340	TlCl-ZnCl ₂	73	1922
342	LiCl-TlCl	38	3137
343	AlCl ₃ -CsCl-TaCl ₅	* 35.-57.9-7.1	1331
343	NaBr-PbBr ₂ -TlBr	8-45-47	462
344	AlCl ₃ -CsCl	* 45.7	1331
344	CdCl ₂ -NaCl-CdI ₂	* 24.4-12.2-63.4	1569
345	CeCl ₃ -NaCl-ThCl ₄	4.0-60.6-35.4	470

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
345	CuCN-NaCN	* 84.8	1135
345	KCl-KClO ₃	13.1	2837
346	KCl-LiCl-NaCl	36-55-9	11, 494, 1085, 1349
346	NaCl-ThCl ₄	70.3	470
347	KCl-LiCl-TeO ₂	* 29.2-53.8- 16.9	1603
347	PbBr ₂ -PbO	88	2404
348	KBr-LiBr	40	567, 568
348-359	KCl-LiCl	(40-43)	10, 11, 98, 494, 567, 568, 589, 595, 633, 712, 749, 750, 781, 805, 886, 967, 981, 983, 1085, 1138, 1155, 1349, 1607, 1816, 1840, 2020, 2084, 2118, 2183, 2959, 2993
348	KCl-LiCl-NaCl	38-53.5-8.5	11, 494, 1085, 1349
348	NaCl-PbCl ₂ -PbI ₂	* 7.7-50-42.3	1571
349	NaCl-ThCl ₄	64.3	470
349	PbF ₂ -PbBr ₂	7.5	3545
350	KBr-PbBr ₂ -TlBr	3-45-52	3450
350	LiCl-Li ₂ CrO ₄	* 45	3369
351	CoCl ₂ -KCl	43.5	966, 2173
351 ± 1	FeCl ₂ -KCl	38.2	2529
352	CdCl ₂ -KCl-CdSO ₄	* 47.6-38.7- 13.7	1636
352	PbBr ₂ -TlBr	89.5	462, 3450
354	AgCl-Ag ₂ CrO ₄	* 73	3369

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
354	KBr-PbBr ₂	44	3450
354	CdCl ₂ -KCl-CdSO ₄	* 28.7-64.9-6.4	1636
355	KBr-PbBr ₂	46	3442
356	BeF ₂ -LiF	52	1110, 1838, 3661
356	BeF ₂ -LiF-ThF ₄	51.5-47.0-1.5	2200
356	PbBr ₂ -TlBr	46	462, 3450
357	KI-PbI ₂	52	1261
358	R ₂ O ₃ -Tl ₂ O	25.4	2711
358	CdCl ₂ -NaCl-CdSO ₄	* 32.-54.5-13.5	1525
358	CdCl ₂ -NaCl-TlCl	60-21-19	2027
358	CeCl ₃ -NaCl-ThCl ₄	7.0-62.0-31.0	470
358	TlCl-Tl ₂ SO ₄	* 77.3	1723
359	CdCl ₂ -CdI ₂	* 30	567, 1479, 1569
360	CdI ₂ -PbI ₂	70.0	1243
360	CuCl ₂ -KCl	54	348
362	CdCl ₂ -KCl-PbCl ₂	29-59-12	1570, 1732
362	CsCl-CsNO ₃	30.4	1652
364	CdBr ₂ -ZnBr ₂	* 21.2	1195
365	PbI ₂ -PbO	70	2523
366	KCl-K ₂ Cr ₂ O ₇	27.5	2913
366	KCl-NbCl ₅	52	1331, 3526
367	CdBr ₂ -NaBr	46	1262, 1263, 1581, 3469
367	CdBr ₂ -NaBr	52	1262
367	CdBr ₂ -NaBr	47	3469
367	PbCl ₂ -CdBr ₂	72	1481
368	CoCl ₂ -NaCl	39.5	966, 1239, 1534, 2173

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
~368 m	ZrCl ₄ -ZrI ₄	~58	3509
369	AgCl-InCl ₃	77	1742
370	CdCl ₂ -KCl-CdSO ₄	* 25.-59.1-15.8	1636
370	CoCl ₂ -NaCl	36	966, 1239, 1534, 2173
370	KCl-TaCl ₅	52	1331, 3525, 3526
370	NaCl-NaI-PbI ₂	* 8.5-21.3-70.2	1571
370	PbCl ₂ -TlCl	40	3138, 3366
371	CuCN-NaCN	* 58.2	1135
373	BaCl ₂ -CeCl ₃ -NaCl	22-36-42	3281
374	InCl ₃ -PbCl ₂	28	1742, 3323
376	NaBr-SrBr ₂ -Sr(NO ₃) ₂	27.5-51-21.5	3501
377 m	AgBr-AgI	73	3092
378	CuCl-CuCl ₂	87	348
378	NaI-PbI ₂	29	1243
378	NaI-PbI ₂	28	1261, 1571
380	AgCl-Ag ₂ S	65	3148
380 m	AgF-ZnF ₂	86	2333
380	CdCl ₂ -CsCl-NaCl	* 58.7-2.4-38.9	1568
380	KBr-PbBr ₂ -TlBr	12-18-70	3450
380	KCl-MgCl ₂ -TiCl ₃	55.6-33.2- 11.2	1864
380	KCl-MgCl ₂ -TiCl ₃	45.2-47.4-7.4	1864
380	NaCl-PbI ₂	* 15.7	1571
380	PbCl ₂ -PbBr ₂	64	1093, 1158, 1862, 2228, 3266
383	CdCl ₂ -KCl	66.7	124, 816, 1386, 1570, 1636, 1732, 1773, 2143
383	PbF ₂ -PbI ₂	10	3545

* Data recalculated from units as given in original reference.

Eutectic M.P., °C.	System	Composition mol %	Reference No.
384	AgI-NaI	50	173, 567
384	CdCl ₂ -NaCl-TlCl	39-23-38	2027
384	KCl-ThCl ₄	57.2	470
384	K ₂ SO ₄ -Na ₂ SO ₄ -ZnSO ₄	30.2-29.1- 40.7	1264
384	PbBr ₂ -TlBr	20	3450
384	PbBr ₂ -TiBr	19	462
385 m	CdBr ₂ -CdI ₂	10	3469, 3470
385	CdCl ₂ -PbCl ₂	36.5	389, 567, 568, 1570, 1732, 3467
385	K ₂ SO ₄ -Na ₂ SO ₄ -ZnSO ₄	19.0-25.8- 55.2	1264
386 m	CdBr ₂ -CdI ₂	10	3469
387	CdCl ₂ -NaCl	55	233, 1525, 1569, 1773, 2027, 3467
388	CdCl ₂ -KCl	38	124, 816, 1386, 1570, 1636, 1732, 1773, 2143
388	KCl-NaCl-TaCl ₅	49.1-1.8-49.1	3525
388	K ₂ MoO ₄ -Li ₂ MoO ₄ - Na ₂ MoO ₄	19.0-45.5- 35.5	1251
388	K ₂ MoO ₄ -Li ₂ MoO ₄ - Na ₂ MoO ₄	23.0-40.5- 36.5	1251
388	K ₂ SO ₄ -Na ₂ SO ₄ -ZnSO ₄	24.5-33.4- 42.1	1264
389	AgBr-LiVO ₃	99	82
389	CdCl ₂ -PbCl ₂	35	389, 567, 568, 1570, 1732, 3467
389	V ₂ O ₅ -KVO ₃	22.5	2791
390	AgCl-Ag ₂ WO ₄	* 82.3	3370
390	CdCl ₂ -TlCl-CdSO ₄	* 63.3-33.3-3.3	1723

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
390	$K_2O-V_2O_5$	39	2519
392	$CdBr_2-TlBr$	59	3470
392 e?	$CuCl-Cu_2S$	* 89.2	3565
392	$K_2CrO_4-Li_2CrO_4$	26	2010
392	$K_2SO_4-Na_2SO_4-ZnSO_4$	34.0-22.5- 43.5	1264
392	$NaCl-PbCl_2-PbS$	* 24.6-68-7.4	3229
392	$PbCl_2-LiCl-Li_3VO_4$	* 71.6-23.5-4.8	2250
393	$CaCl_2-CuCl$	20	1133
393 $\pm$ 1	$FeCl_2-KCl$	54.2	2529
393	$K_2CrO_4-K_2Cr_2O_7$	* 1.5	2770
396	$CdCl_2-TlCl$	62	1386, 1723, 2027, 3138, 3476
396	$KCl-MgCl_2-NaCl$	22-51-27	72, 372, 1747, 2084, 2229, 3039
396	$KCl-MgCl_2-NaCl$	20-50-30	72, 372, 1747, 2084, 2229, 3039
397	$AgBr-Na_2MoO_4$	97	82
397 $\pm$ 5	$CdCl_2-NaCl$	~60	233, 1525, 1569, 1773, 2027, 3467
397	$K_2CO_3-Li_2CO_3-Na_2CO_3$	25.0-43.5- 31.5	3363
398	$AgBr-Na_2CrO_4$	99	82
398	$LiCl-Na_2TiF_6$	* 87.6	2003
400	$AgBr-Li_2MoO_4$	99	82
400	$InCl_3-PbCl_2$	44	1742, 3323
400	$LiCl-PbCl_2$	34.5	397, 657, 902, 1370, 2250
400	$LiCl-PbCl_2$	36	397, 657, 902, 1370, 2250

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
401	AgBr-NaVO ₃	99	82
402	BaCl ₂ -Ca(NO ₃) ₂	41.7	90
402	CaCl ₂ -KCl-PbCl ₂	3-47-50	1733
403	KCl-ThCl ₄	47.5	470
404	AgI-NaI	60	173, 567
405 ± 5	BeF ₂ -KF	~48	189, 1535
405	KCl-MgCl ₂ -NdCl ₃	31.5-43.5- 25.0	1268
405 m	TlBr-TlI	50	3470
406	AgBr-KVO ₃	99	82
406	AgBr-Li ₂ CrO ₄	98.5	82
406	AgBr-Li ₂ SO ₄	1	82
406	CuCl-MgCl ₂	96	568, 1133
407	KCl-MgCl ₂ -PrCl ₃	27.0-48.0- 25.0	2179
408	CuCl-MgCl ₂	98.7	568, 1133
408	MnCl ₂ -PbCl ₂	30	567, 568, 3139
408	NaCl-Ba(NO ₃) ₂	38	1503
409	CaCl ₂ -Ca(NO ₃) ₂	42.5	90, 1238
410	B ₂ O ₃ -Tl ₂ O	35.8	2711
410	KCl-PbCl ₂	49	124, 613, 657, 816, 1370, 1570, 1677, 1732, 1749, 2147, 3442, 3624
410	NaF-PbF ₂ -PbSO ₄	39.4-43.3- 17.3	1671
411	KCl-MgCl ₂ -PrCl ₃	42.0-33.0- 25.0	2179
411	NaCl-PbCl ₂	30	568, 902, 1370, 1449
412	KCl-MgCl ₂ -PrCl ₃	60.0-36.0-4.0	2179
412	KCl-MgCl ₂ -NdCl ₃	68.0-28.0-4.0	1268

Eutectic M.P., °C	System	Composition mol %	Reference No.
412	NaCl-TlCl	15	1480, 2027, 3137
413	AgBr-Na ₂ WO ₄	99	82
414	KCl-MgCl ₂ -PrCl ₃	36.5-36.5- 27.0	2179
415	Ag ₂ CrO ₄ -Li ₂ CrO ₄	40	3369
415	CeCl ₃ -KCl-MgCl ₂	19.3-34.3- 46.4	925
415	KCl-MgCl ₂ -NdCl ₃	39.0-34.5- 26.5	1268
415	KCl-MgCl ₂ -TiCl ₃	67.0-31.2-1.8	1864
415	NaCl-ZrF ₄	55	1987
416	KCl-MgCl ₂ -NdCl ₃	58.0-38.7-3.3	1268
416	KCl-MgCl ₂ -PrCl ₃	70.0-26.5-3.5	2179
418	CeCl ₃ -KCl-MgCl ₂	24.2-42.7- 33.1	925
420	CaCl ₂ -KCl-PbCl ₂	12-17-71	1733
420	CeCl ₃ -KCl-MgCl ₂	2.1-67.2-30.7	925
420	KCl-MgCl ₂ -PrCl ₃	73.4-20.0-6.6	2179
420	PbF ₂ -K ₂ SO ₄ -PbSO ₄	62-12-26	1672
421	FeCl ₂ -PbCl ₂	28.5	2742
421	KCl-PbCl ₂	22.2	124, 613, 657, 816, 1370, 1570 1677, 1732, 1749, 2147, 3442, 3624
422	AgCN-NaCN	* 28.4	1135
422	CaCl ₂ -KCl-PbCl ₂	17.5-15.5-67	1733
424	AgCl-Li ₂ CrO ₄	* 98.9	3369
424	CoCl ₂ -PbCl ₂	23.5	2742
425	CaCl ₂ -KCl-LiCl	31-14.5-54.5	776
425	CdCl ₂ -CsCl-NaCl	* 21.9-64.6- 13.4	1568

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
425	TlCl-TlBr	65	1329
426	KCl-NaCl-Li ₂ SO ₄	* 34.-24.1-41.8	1085, 1763
426	KCl-TlCl	7.5	1329
427	CoCl ₂ -KCl	30.5	966, 2173
427	TlCl-Na ₂ SO ₄	* 98.5	3532
428	AgCl-KVO ₃	98.5	82
428	CaCl ₂ -NaCl-NdCl ₃	5-50-45	1491
428	KCl-MnCl ₂	65	2145, 3140
428	NaBr-Sr(NO ₃) ₂	59	3501
428	SrBr ₂ -Sr(NO ₃) ₂	69	3501
428	TlCl-Li ₂ SO ₄	* 98.9	1646
430	MgCl ₂ -NaCl	44	658, 727, 1133, 1457, 1747, 3090
430	NaCl-NdCl ₃	58.8	925, 1491
431	AgCl-NaVO ₃	99	82
431	MgBr ₂ -NaBr	59	568
433	KCl-ZnCl ₂	69	1092, 1240, 2143
433	Na ₂ SO ₄ -Li ₂ MoO ₄ -Na ₂ MoO ₄	15.5-46.5- 38.0	1250
434	CdCl ₂ -LiCl-Li ₂ MoO ₄	* 62.5-14.8- 22.7	3371
435	CsI-NaI	55	3391
435	KCl-MgCl ₂	62.8	658, 727, 1219, 1747, 1864, 3090
436	AgCl-LiVO ₃	99.5	82
436	AgCl-Na ₂ MoO ₄	97.5	82
436 ?	KCl-Li ₂ SO ₄ -Li ₂ WO ₄	* 40-48-12	1641
437	CrCl ₂ -NaCl	46.3	2180, 3463
438	BaBr ₂ -LiBr	25	568

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
438	BaF ₂ -KF-LiF-NaF	1.78-41.20 45.73-11.29	85
440	CaCl ₂ -CeCl ₃ -NaCl	38.8-12.2- 49.0	1878, 3280
440	CaCl ₂ -LiCl-NaCl	34.23-52.34- 13.43	1391
440 ± 3	KCl-NaCl-PrCl ₃	32.4-19.6- 48.0	1337
440	KF-PbF ₂ -PbSO ₄	60-38-2	1672
440	Li ₂ SO ₄ -KPO ₃ -LiPO ₃	* 42.8-27.8- 29.3	1645
440	NaF-PbF ₂ -PbSO ₄	19-55-26	1671
440	PbF ₂ -K ₂ SO ₄ -PbSO ₄	63-25-12	1672
441	PbCl ₂ -PbS	* 75.3	3229, 3565
442	AgCl-Na ₂ CrO ₄	97.5	82
442	CsCl-TaCl ₅	* 63.5	1331
444	AgCl-Na ₂ WO ₄	98	82
444	CaF ₂ -KF-LiF-NaF	1.5-41.2- 45.6-11.7	2031
444	CdCl ₂ -CsCl-NaCl	* 33.-45.5-21.3	1568
444	LiCl-Li ₂ SO ₄ -Li ₂ WO ₄	* 63.9-21.7- 14.3	1642
445	AgCl-CaCl ₂ -Ca(NO ₃) ₂	* 83.-14-2.9	1238
445	Ag ₂ MoO ₄ -Li ₂ MoO ₄	68	2671
446	MnCl ₂ -RbCl	27	1485
448	AgCl-CaCl ₂	* 82.6	1133
449	AgCl-Li ₂ WO ₄	99	82
450	BaCl ₂ -CaCl ₂ -NaCl	14.5-47-38.5	612, 908, 2301
450	BaCl ₂ -CdCl ₂	43	567, 1773, 3147
450	CaCl ₂ -LiCl-CaF ₂	* 29.8-65.8-4.3	1656
450	CsCl-ThCl ₄	45.5	470

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
450	KCl-Mn Cl ₂	35	2145, 3140
450	MgCl ₂ -NaCl	~40	658, 727, 1133, 1457, 1747, 3090
452	AgCl-MgCl ₂	* 87.5	1133
452	Ag ₂ CrO ₄ -Li ₂ MoO ₄	70	3369
452	CoCl ₂ -LiCl-Li ₂ SO ₄	* 13.9-61.1-25	1687
452	NaBr-TlBr	25	462, 1339, 1480
452	NaCl-VCl ₃	71	1837
453	Li ₂ SO ₄ -KPO ₃ -LiPO ₃	* 20.4-63.8- 15.7	1645
453	NaCl-PuCl ₃	64	1794, 2012
454	KF-LiF-NaF	42-46.5-11.5	85, 200, 444, 1198, 1838, 2031
454	PbCl ₂ -PbF ₂	90	3544
455	LiCl-Li ₂ SO ₄ -Li ₂ CO ₃	* 52.9-27.2- 19.8	1963
456	Ag ₂ CrO ₄ -Li ₂ WO ₄	67.5	3369
456	BeF ₂ -LiF	20	1110, 1838, 3661
456	BeF ₂ -LiF	33.3	1110, 1838, 3661
456	KCl-Li ₂ SO ₄	* 48.5	1085, 1641
457	KF-LiF-NaF	42-46.5-11.5	444
457	MoO ₃ -K ₂ MoO ₄	45	1305
458	CaCl ₂ -CeCl ₃ -NaCl	48-21-31	1878, 3280
458	CdCl ₂ -CsCl	* 70.9	1568
458	LiCl-NaCl-Li ₂ SO ₄	* 54.8-16.1-29	1085
458	MoO ₃ -Cs ₂ MoO ₄	45	1305
458	MoO ₃ -Rb ₂ MoO ₄	44	1305
459	KBr-TlBr	12.5	3450
459	KBr-TlBr	13	1339, 3450

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
459	MgCl ₂ -PbCl ₂	19	1228
459	MgCl ₂ -RbCl	29	658, 1154
460	CaCl ₂ -LaCl ₃ -NaCl	35-13-52	1949
460	CsBr-NaBr	62.5	3391
460	CsCl-ThCl ₄	54.2	470
460	LiF-Li ₂ CrO ₄	25	1903
460	Li ₂ MoO ₄ -Na ₂ MoO ₄	51	1250
460	Li ₂ SO ₄ -KPO ₃ -LiPO ₃	* 20.1-40.8-39	1645
460	KF-PbF ₂	59.6	1672, 1721
461 m	KVO ₃ -LiVO ₃ -NaVO ₃	* 74.2-11.2- 14.5	2596
461	LiCl-PuCl ₃	72	1794
461	Sb ₂ S ₃ -SnS	* 54.1-	3197
462	NaCl-TiCl ₃	60	655, 2111, 3410, 3754
462	LiCl-K ₂ TF ₆	63	2003
464	CdCl ₂ -Li ₃ VO ₄	85	3371
464	CoCl ₂ -RbCl	42.7	2173
465	BeF ₂ -PbF ₂	32	1113
465	CaCl ₂ -KCl-NaCl	50.0-7.25- 42.75	777, 1963
465	KF-PbF ₂	58	1721
466	CoCl ₂ -RbCl	58.3	2173
466	K ₂ SO ₄ -Li ₂ SO ₄ -Li ₂ MoO ₄	22.0-52.5- 25.5	1785
467	CaCl ₂ -PbCl ₂	34	1133, 1370
467	CrCl ₂ -KCl	39	3463
467	MoO ₃ -K ₂ MoO ₄	45	1305
468 ± 2	NaCl-PrCl ₃	63	1337
470	CdBr-Li ₂ CrO ₄	15	82

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
470	$\text{CdCl}_2\text{-CsCl}$	* 21.9	1568
470	$\text{CeCl}_3\text{-KCl-NaCl}$	* 37.3-17.6- 45	3284
470 $\pm$ 5	CsF-LiF	64	1807
470	NaF-ZrF_4	56	64, 200, 1126, 1128, 1838, 1987
472	$\text{BaF}_2\text{-KF-LiF}$	3-47-50	85, 2016
472	$\text{CrCl}_2\text{-KCl}$	64	3463
472	$\text{LiCl-CaF}_2\text{-LiF}$	* 64.2-12.7- 23.1	1656
472	$\text{LiCl-K}_2\text{TiF}_6$	* 36.2	2003
472	$\text{LiF-PbF}_2\text{-PbSO}_4$	19-61-20	1477
472	$\text{MgCl}_2\text{-RbCl}$	35.5	658, 1154
472	$\text{PbCl}_2\text{-PbSO}_4$	96.5	1259
473	$\text{LiCl-Na}_2\text{TiF}_6$	* 55.7	2003
473	$\text{LiCl-NiCl}_2\text{-Li}_2\text{SO}_4$	* 68.4-2.6-28.9	1673
474	$\text{CdSO}_4\text{-K}_2\text{SO}_4\text{-Li}_2\text{SO}_4$	18-20-62	2675
474	$\text{Li}_2\text{SO}_4\text{-K}_2\text{MoO}_4\text{-Li}_2\text{MoO}_4$	26-37.5-36.5	1785
475	$\text{CaCl}_2\text{-LiCl}$	36	397, 775, 776, 1391, 1720, 3414, 3702
475 m	$\text{CaCl}_2\text{-LiCl}$	37	397, 775, 776, 1391, 1720, 3414, 3702
475	$\text{CdCl}_2\text{-NaCl-CdSO}_4$	* 35.5-29-35.5	1525
475	$\text{CrCl}_2\text{-KCl}$	30	3463
475	$\text{K}_2\text{SO}_4\text{-K}_2\text{MoO}_4\text{-Li}_2\text{MoO}_4$	29.0-22.5- 48.5	1785
476	$\text{CdCl}_2\text{-InCl}_3$	51	1742

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
476-492	KF-LiF	50	85, 140, 1090, 1198, 1509, 2015, 2016, 2031
477	BeF ₂ -PbF ₂	21	1113
477	CaCl ₂ -LiCl	36	397, 775, 776, 1391, 1720, 3414, 3702
478	CdSO ₄ -Li ₂ SO ₄ -Na ₂ SO ₄	24.5-57-18.5	1087
478	LiCl-Li ₂ SO ₄	* 63.5	1085, 1635, 1642, 1658, 1687, 2401
478	MoO ₃ -Rb ₂ MoO ₄	51	1305
479	MnCl ₂ -RbCl	70	1485
480	CaCl ₂ -CsCl-NaCl	52.1-1.7-46.2	1215
480	CaCl ₂ -LiCl	39	397, 775, 776, 1391, 1720, 3414, 3702
480 ± 5	CdCl ₂ -CdF ₂	70	233
480	CsCl-KCl-NaCl	45.5-24.5-30	3471
480	KCl-K ₂ SO ₄ -Li ₂ SO ₄ - K ₂ WO ₄ -Li ₂ WO ₄	* 23.-14.1- 14.1-24.3- 24.3	1641
480	KCl-NdCl ₃	50	925, 1400
480	K ₂ SO ₄ -Li ₂ SO ₄ -Li ₂ WO ₄	20-60-20	1639, 2241
480	PbF ₂ -K ₂ SO ₄	77.5	1672
481	MoO ₃ -K ₂ MoO ₄	53	1305
482	CaCl ₂ -CsCl-NaCl	1.3-64.2-34.5	1215
482	KF-LiF-K ₂ WO ₄	46.7-51.8-1.5	2101
482	LiCl-LiBO ₂ -Li ₂ WO ₄	* 49.6-5.3-45.1	1231
482	LiCl-Na ₂ TiF ₆	* 38	2003
482	SrCl ₂ -Sr(NO ₃) ₂	53	1330, 2950
483	BaBr ₂ -LiBr	25	568

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
483	KCl-PrCl ₃	43	1337, 1400, 2179
483	KF-LiF-SrF ₂	46.5-50.1-3.4	2015
484 ± 2	B ₂ O ₃ -PbO-SiO ₂	* 25.8-61.9- 12.3	2582
484	KF-NaF-KVO ₃	11-2-87	1507
484	K ₂ SO ₄ -K ₂ WO ₄ -Li ₂ WO ₄	32.5-5-62.5	1639, 2241
484	LiCl-LiF	69.5	413
484	Li ₂ SO ₄ -K ₂ WO ₄ -Li ₂ WO ₄	32.5-37.5-30	2241
485	CaCl ₂ -LiCl-CaF ₂	* 6.-78.8-15.1	1656
485	LiCl-LiF	80	413
485	NaF-ZrF ₄	48	64, 200, 1126, 1128, 1838, 1987
485	PbF ₂ -RbF	32	1721
486	CsCl-NaCl	~65	567, 712, 1215, 1568, 1865, 3391, 3471
486	K ₂ SO ₄ -K ₂ WO ₄ -Li ₂ WO ₄	37.5-15.5-47	1639, 2241
486	NaBr-SrBr ₂	56	3501
487	CeCl ₃ -NaCl	47	843, 925, 1878, 3280, 3281, 3284
487	KCN-Zn(CN) ₂	* 80.8	1135
487	LiCl-SrCl ₂	63	1778, 3359
488 ± 2	B ₂ O ₃ -PbO-SiO ₂	* 28.5-68.3-3.2	2582
488	CdCl ₂ -CsCl	* 36.	1568
488	CeCl ₃ -NaCl	32.5	925, 843, 1878, 3280, 3281, 3284
488	K ₂ CO ₃ -Li ₂ CO ₃	38	3363
488	LiCl-SrCl ₂	67.7	1778, 3359
490	CaCl ₂ -CaF ₂ -NaF	* 50-1.5-48.5	1252

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
490-506	$\text{CaCl}_2\text{-NaCl}$	(52.5-55)	397, 550, 568, 908, 1061, 1133, 1209, 1374, 1386, 1391, 1491, 1963, 2301
490	$\text{CaF}_2\text{-KF-LiF}$	2.3-48.6-49.1	2031
490 ± 5	$\text{CaO-P}_2\text{O}_5$	* $14.5 \pm .5$	2608
490	$\text{CdSO}_4\text{-K}_2\text{SO}_4\text{-Li}_2\text{SO}_4$	33-9-58	2675
490 ?	$\text{KCl-K}_2\text{SO}_4\text{-K}_2\text{WO}_4\text{-Li}_2\text{WO}_4$	* 13.3-11.1- 37.8-37.8	1641
490	CsCl-NaCl	65.5	3391
490	CsCl-NaCl	65.	567
490	$\text{LiCl-Li}_2\text{WO}_4$	58.5	1642, 2401
490	$\text{NaF-PbF}_2\text{-PbSO}_4$	10-59-32.5	1671
490	$\text{Na}_2\text{O-TiO}_2\text{-V}_2\text{O}_5$	57.5-2-40.5	1519
492 m	$\text{CaCl}_2\text{-LiCl}$	36.3	397, 775, 776, 1391, 1720, 3414, 3702
492	KCl-KVO_3	17	1506
492	KF-KVO_3	12	1507
492	LiCl-CaF_2	* 82.3	1656
493	$\text{B}_2\text{O}_3\text{-PbO}$	* 30.4	2583, 3330
493	CsCl-NaCl	65	567
493	LiCl-CdWO_4	* 85.1	3371
494	$\text{Li}_2\text{SO}_4\text{-PbSO}_4\text{-Ti}_2\text{SO}_4$	25.5-9.5-65	1528
494	$\text{PbF}_2\text{-PbO}$	54	568
495	$\text{BeF}_2\text{-CaF}_2$	89	1111
495	CsCl-NdCl_3	50	925
495	NaBr-RbBr	46.5	1839

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
496	$\text{CaCl}_2\text{-LiCl}$	38	397, 775, 776, 1391, 1720, 3414, 3702
496	$\text{K}_2\text{SO}_4\text{-Li}_2\text{SO}_4\text{-PbSO}_4$	19-70-11	1777
497	$\text{Ag}_2\text{SO}_4\text{-Ag}_2\text{MoO}_4$	33	1634
497	$\text{BaCl}_2\text{-Ba(NO}_3)_2$	37.3	90
497-512	$\text{K}_2\text{SO}_4\text{-Li}_2\text{SO}_4\text{-Ti}_2\text{SO}_4$	2-22.5-75.5	1086, 1762
498	$\text{K}_2\text{CO}_3\text{-Li}_2\text{CO}_3$	57.3	3363
498	$\text{LiCl-Li}_2\text{MoO}_4$	* 58.1	3371
498	$\text{Li}_2\text{SO}_4\text{-Na}_2\text{SO}_4\text{-Li}_2\text{MoO}_4$	57.5-34.5-8.0	1250
498	NaF-PbF_2	32	1671, 1721
499	$\text{CeCl}_3\text{-NaCl}$	46	843, 925, 1878, 3280, 3281, 3284
499	CsCl-MnCl_2	79.5	1485
499	$\text{NaCl-Li}_2\text{SO}_4$	* 41.3	1085, 1635, 1769
500	$\text{BaTiO}_3\text{-KVO}_3$	1	3174
500 m	$\text{CdCl}_2\text{-LiCl}$	(63-64)	125, 1686, 3003, 3371
500	$\text{CaCl}_2\text{-NaCl-RbCl}$	52.5-45-2.5	1214
500	CsF-PbF_2	72	1721
500	$\text{MnCl}_2\text{-SrCl}_2$	36	567, 3147
500	NaF-ZrF_4	59.5	64, 200, 1126, 1128, 1838, 1987
501	$\text{CoCl}_2\text{-CsCl}$	65	2173
501	LiCl-LiF	69.5	413
502 m	$\text{CdCl}_2\text{-LiCl}$	60	125, 1686, 3003, 3371
502	$\text{CdCl}_2\text{-SrCl}_2$	58	567, 3147
502 m	KCN-NaCN	43	1135

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
502	$\text{Li}_2\text{SO}_4\text{-Ti}_2\text{SO}_4$	24	1086, 1528
503	$\text{BaCl}_2\text{-MnCl}_2$	37	3143
503	$\text{CoCl}_2\text{-RbCl}$	28	2173
505	$\text{CaCl}_2\text{-NaCl-RbCl}$	11.2-32.8- 56.0	1214
505	$\text{CeCl}_3\text{-NaCl}$	37	843, 925, 1878, 3280, 3281, 3284
506	$\text{Ca}(\text{NO}_3)_2\text{-K}_2\text{CrO}_4$	98.5	2398
506	$\text{Li}_2\text{SO}_4\text{-PbSO}_4\text{-Ti}_2\text{SO}_4$	63-11-26	1528
507	$\text{CoCl}_2\text{-CoSO}_4\text{-Li}_2\text{SO}_4$	* 54-16-30	1687
507	CsCl-MnCl_2	73	1485
507	LiBr-NaBr	84	1349
507	$\text{LiCl-Li}_2\text{CO}_3$	61	1936
507	$\text{NaCl-K}_2\text{MoO}_4\text{-Na}_2\text{MoO}_4$	* 59.1-33.1-7.7	2249
508	$\text{LiF-Li}_2\text{SO}_4\text{-PbSO}_4$	41-49-10	1477
508	$\text{Li}_2\text{SO}_4\text{-LiPO}_3$	* 35.6	1645
508	$\text{NaCl-K}_2\text{WO}_4\text{-Na}_2\text{WO}_4$	* 55.6-31.4-13	1536
510	$\text{BaCl}_2\text{-LiCl}$	33	397, 1042, 1720
510	$\text{K}_2\text{MoO}_4\text{-Li}_2\text{MoO}_4$	33	1785, 2010
510	$\text{Li}_2\text{CO}_3\text{-Na}_2\text{CO}_3$	50	1148
510	$\text{Li}_2\text{SO}_4\text{-ZnSO}_4$	48.5	1824
510	$\text{MgCl}_2\text{-RbCl}$	65	658, 1154
511	CsCl-MgCl_2	78.5	1154
512	$\text{BaCl}_2\text{-LiCl}$	25	397, 1042, 1720
512	$\text{Ca}(\text{NO}_3)_2\text{-CaCrO}_4$	97.5	2398
512	$\text{CdCl}_2\text{-CdSO}_4\text{-Li}_2\text{SO}_4$	No comp. given	1686
512	$\text{CdSO}_4\text{-K}_2\text{SO}_4\text{-Li}_2\text{SO}_4$	33-5-62	2675
512 m	$\text{CoCl}_2\text{-LiCl}$	33	966, 1687, 2173

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
512	$K_2O-Na_2O-P_2O_5$	21-33-46	2474
512	$K_2SO_4-Li_2SO_4-Na_2SO_4$	12-79-9	1762, 1765
512	$K_2TiO_3-KVO_3$	1.3	1233
512	$NaF-ZrF_4$	50.5	64, 200, 1126, 1128, 1838, 1987
513	$K_2MoO_4-Li_2MoO_4$	33.5	1785
514	$BaCl_2-LiCl$	30	397, 1042, 1720
514	$CdSO_4-Tl_2SO_4$	31	1723
514	$KCl-K_2WO_4-Li_2WO_4$	* 27.6-36.2- 36.2	1641
514	$KCl-NaCl-Na_2SO_4$	* 55.1-3.5-41.3	1767
515	$CaCl_2-KCl-NaCl$	20.75-47.75- 31.5	777, 1963
515	$CrCl_2-CsCl$	19.1	1606, 3463
515	$KCN-Zn(CN)_2$	* 53	1135
516	$K_2O-Na_2O-P_2O_5$	13.0-41.8- 45.2	2474
517	$Ba(NO_3)_2-Ca(NO_3)_2$	40	1497
517 m	$CoCl_2-LiCl$	33	966, 1687, 2173
517	$CsCl-MnCl_2$	31	1485
517.1	$KCl-Na_2SO_4$	* 60.9	2234
518	$CrCl_2-CsCl$	19.5	1606, 3463
518	$CsCl-MgCl_2$	73.5	1154
518	KPO_3-LiPO_3	36	1645
520	$NaF-PbF_2$	34	1671, 1721
520	PbF_2-PbSO_4	73.5	1671, 1672
520-526	$Li_2SO_4-Tl_2SO_4$	73	1086, 1528
521	$CoCl_2-CsCl$	42.75	2173

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
523	$\text{MoO}_3\text{-Cs}_2\text{MoO}_4$	72	1305
524	$\text{CeCl}_3\text{-CsCl}$	50	925
524	LiCl-SrSO_4	* 85.7	3359
525	$\text{K}_2\text{SO}_4\text{-Li}_2\text{SO}_4\text{-LiBO}_2$	* 17.6-78.4-3.9	1639
525	$\text{LaCl}_3\text{-NaCl}$	22	925, 1949
525	$\text{LaCl}_3\text{-NaCl}$	25	925, 1949
525	$\text{BeF}_2\text{-PbF}_2$	90	1113
526	$\text{CeCl}_3\text{-KCl}$	49.3	727, 843, 925, 1400, 3278
526	CsCl-MnCl_2	63.5	1485
527	$\text{BeF}_2\text{-ThF}_4$	98	2200, 3346
528	$\text{BeF}_2\text{-MgF}_2$	95	1111
528	$\text{CoCl}_2\text{-CsCl}$	18	2173
528	$\text{KCl-KF-K}_2\text{CO}_3$	* 42.9-34.3- 22.7	3206
528 $\pm$ 3	KCl-NaCl-PrCl_3	56-26-18	1337
528	$\text{KPO}_3\text{-LiPO}_3$	63	1645
530	$\text{BaCl}_2\text{-NaCl-K}_2\text{TiF}_6$	* 1.6-69.6-28.7	3401
530	$\text{CeCl}_3\text{-KCl-NaCl}$	* 19.3-54.1- 26.5	3284
530 $\pm$ 2	KCl-NaCl-PrCl_3	55.2-26.4- 18.4	1337
530	$\text{CsF-Cs}_2\text{CO}_3$	57	1722
530	$\text{LiF-K}_2\text{WO}_4\text{-Li}_2\text{WO}_4$	26-29-45	2101
530	$\text{MoO}_3\text{-Cs}_2\text{MoO}_4$	77	1305
~530	$\text{NaCl-K}_2\text{TiF}_6$	* 69.7	1438, 1921
530	NaCl-NbCl_4	70	3489
530	$\text{Na}_2\text{O-V}_2\text{O}_5$	39	1519
530	$\text{V}_2\text{O}_5\text{-NaVO}_3$	17	(2790)

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
531	BaCl ₂ -NaCl-K ₂ TiF ₆	* 16.4-64.5- 19.1	3401
532 ± 2	B ₂ O ₃ -PbO-SiO ₂	* 13.1-19-7.9	2582
532	KCl-Li ₂ WO ₄	* 61	1641
532	K ₂ CrO ₄ -Li ₂ CrO ₄	55	2010
532-536	K ₂ SO ₄ -Li ₂ SO ₄	19	1086, 1768, 1769, 2675
532	LiF-Li ₂ SO ₄	44	2401, 1722
533	LiCl-CaSO ₄	* 85.7	3702
533	PbF ₂ -PbBr ₂	75	3545
534	CsCl-LaCl ₃	55	925
534	Li ₂ SO ₄ -PbSO ₄ -Ti ₂ SO ₄	41.5-17-41.5	1528
534	Na ₂ O-V ₂ O ₅	61	1519
535	CoSO ₄ -K ₂ SO ₄	42.85	2706
535	KCl-TiCl ₃	50	655, 1864, 3410, 3754
535	LiF-K ₂ WO ₄ -Li ₂ WO ₄	37-45-18	2101
535	LiF-Li ₂ SO ₄	43	1722, 2401
535	MgCl ₂ -SrCl ₂	55	567, 3149
539	NaCl-ZrCl ₄	78.6	457, 700, 3424
539 m	PbO-Sb ₂ O ₃	* 26.3	1895
540	CdCl ₂ -CdSO ₄	85	1525, 1636, 1640, 1686
540	HfCl ₄ -NaCl	26.6	700
540	KF-LiF-K ₂ SiO ₃	15.5-55.5- 29.0	1090
540 ± 3	KCl-NaCl-NbCl ₄	8.0-61.2-30.8	1353
541	CaCl ₂ -Na ₂ TiF ₆	* 39.7	2003
541	NaCl-RbCl	45	567, 568, 1214, 1865

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
542	BaCl ₂ -CaCl ₂ -CaF ₂	34-62.5-3.5	1655
542	BaCl ₂ -KCl-NaCl	28-39-33	3210
542	CsCl-MgCl ₂	63	1154
543	CdCl ₂ -Li ₂ SO ₄	96.5	1686
543	CeCl ₃ -KCl-NaCl	* 20.3-46-33.7	3284
543	KBr-NaBr-Na ₂ SO ₄	40-20-40	2150
545 ± 5	CdCl ₂ -LiF	87	233
545 ± 3	KCl-NaCl-NbCl ₄	21.7-45.0- 33.3	1353
546 m	Ag ₂ MoO ₄ -Na ₂ MoO ₄	79	1634
546	KCl-K ₂ SO ₄ -Na ₂ CO ₃	* 47.3-34.-18.7	1321
546 m	LiCl-NaCl	72.5	11, 775, 1085, 1349, 1635, 1839, 1865
546	MoO ₃ -Rb ₂ MoO ₄	78	1305
547	CoCl ₂ -CsCl	26	2173
547	K ₂ O-Na ₂ O-P ₂ O ₅	23.4-26.6- 50.0	2474
547	K ₂ MoO ₄ -Li ₂ MoO ₄	59.5	1785, 2010
547	KPO ₃ -NaPO ₃	46.8	1911
547	MoO ₃ -K ₂ MoO ₄	78	1305
547	Na ₂ SO ₄ -Ag ₂ MoO ₄	5.5	1634
548	CoCl ₂ -Li ₂ SO ₄	35	1687
548	CsCl-MgCl ₂	30.6	1154
549	MoO ₃ -Rb ₂ MoO ₄	73	1305
549	NaCl-TiCl ₃	78	655, 2111, 3410, 3754
550-551	CdSO ₄ -Li ₂ SO ₄	(30.12-33)	1087, 1686, 2675, 2708
550	KBr-Na ₂ SO ₄	43.7	2150

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
550	NaCl-K ₂ ZrF ₆	72	3392
550	PbF ₂ -RbF	55	1721
551	LiCl-NaCl	75.5	11, 775, 1085, 1349, 1635, 1839, 1865
552	Na ₂ O-P ₂ O ₅	55.7	2474
553	CdCl ₂ -CdMoO ₄	4.5	3371
553	CsCl-Cs ₂ SO ₄	* 83	1658
553 m	LiCl-NaCl	72	11, 775, 1085, 1349, 1635, 1839, 1865
553	LiCl-NaCl	78.5	11, 775, 1085, 1349, 1635, 1839, 1865
550	K ₂ MoO ₄ -LiMoO ₄	59	2010
553	MoO ₃ -K ₂ MoO ₄	73	1305
554	CdSO ₄ -K ₂ SO ₄ -Li ₂ SO ₄	30-50-20	2675
554	KCl-LaCl ₃	47	925, 1400
554	PbCl ₂ -PbF ₂	25	3544
555	Ca(NO ₃) ₂ -Sr(NO ₃) ₂	82.5	1497
555 m	LiCl-MnCl ₂	48	3140
556	Ag ₂ SO ₄ -Li ₂ SO ₄	31.5	1890
558	LiBO ₂ -K ₂ WO ₄ -Li ₂ WO ₄	10-38-52	1639, 2244
558	KCl-K ₂ CO ₃ -Na ₂ CO ₃	* 42.5-43.3- 18.1	1943, 3205
558	KCl-NaCl-K ₂ TiF ₆	* 41.8-16.3- 41.8	3400
558	KF-NaF-K ₂ CO ₃	8-30-62	3205
559	NaCl-K ₂ WO ₄ -Na ₂ WO ₄	* 29.2-23.6- 47.2	1536

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
560	$\text{Ag}_2\text{WO}_4\text{-Li}_2\text{WO}_4$	55	3370
560	$\text{BaCl}_2\text{-MgCl}_2$	35	567
560	$\text{B}_2\text{O}_3\text{-PbO}$	* 17.7	2583, 3330
560	$\text{CaCl}_2\text{-Na}_2\text{TiF}_6$	* 20.3	2003
560	$\text{CaCl}_2\text{-ThCl}_4$	54	2114
560	$\text{KCl-NaCl-Na}_2\text{CO}_3$	* 36.8-36.2- 27.0	1943, 3205
560	$\text{K}_2\text{WO}_4\text{-Li}_2\text{WO}_4$	33.5	2010, 2241, 2244, 2401
560	$\text{LiCl-K}_2\text{TiF}_6$	* 29.9	2003
560	LiF-ThF_4	71	1367, 1838, 1966
560-564	$\text{Li}_2\text{SO}_4\text{-Li}_2\text{MoO}_4$	(62.5-64.5)	1785, 2671
562	CsCl-ThCl_4	87	470
562	$\text{NaF-K}_2\text{CO}_3\text{-Na}_2\text{CO}_3$	32-42-26	3205
563	NaCl-NiCl_2	* 68	1239, 1534
563	$\text{WO}_3\text{-Rb}_2\text{WO}_4$	39	1958
564	$\text{LiBO}_2\text{-K}_2\text{WO}_4\text{-Li}_2\text{WO}_4$	8-58-34	1639, 2244
565	$\text{AlF}_3\text{-KF}$	45	2738, 2993
565	CsF-PbF_2	29	1721
565	LiF-ThF_4	77	1367, 1838, 1966
565	NaCl-SrCl_2	50	568, 2625
567	$\text{Ag}_2\text{SO}_4\text{-Li}_2\text{SO}_4$	75	1890
568	$\text{AlF}_3\text{-KF}$	40	2993
568	LiF-ThF_4	71	1367, 1966
568	$\text{NaF-K}_2\text{CO}_3$	51	3205
569	CsCl-LaCl_3	90	925
569	$\text{NaCl-Na}_2\text{TiF}_6$	* 42.1	2003
570	LiF-ThF_4	78	1838

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
570	KF-NaF-ThF ₄	15.5-69.0- 15.5	1107
570	K ₂ SO ₄ -KBO ₂ -LiBO ₂	* 2.-33.7-64.3	1639
570	K ₂ WO ₄ -Li ₂ WO ₄	33	2010, 2241, 2244, 2401
572	CsCl-ZrCl ₄	84.8	700
572	K ₂ WO ₄ -Li ₂ WO ₄	63.5	2010, 2241, 2244, 2401
572	LiCl-LiBO ₂	81	1231
574	KI-NaI-K ₂ SO ₄	31-44-25	1700
575	CoSO ₄ -Na ₂ SO ₄	47.83	2706
575	KBO ₂ -LiBO ₂ -K ₂ WO ₄	43-55-2	1639, 2244
575	KBr-NaBr-Na ₂ CO ₃	* 38.1-42.9-19	1595
575	KBr-TiBr ₃	60	3401
575	KCl-SrCl ₂	55.6	1330
575	K ₂ WO ₄ -Li ₂ WO ₄	63.5	2010, 2241, 2244, 2401
575	NaCl-NaF-Na ₂ CO ₃	* 42.5-20.5-37	3206
577	CrCl ₂ -CsCl	71.5	1606, 3463
578	CaCl ₂ -Na ₂ TiF ₆	* 76.9	2003
578	CdSO ₄ -K ₂ SO ₄ -Na ₂ SO ₄	43-18-39	2676
578	NaCl-NaI	36	1158, 1569, 1571
578	NaF-K ₂ WO ₄ -Na ₂ WO ₄	18-9-73	1586
579	V ₂ O ₅ -NaVO ₃	42	2790
580	CaCl ₂ -KCl-CaSO ₄	* 24.-73.4-2.5	1675
580	CaCl ₂ -RbCl	17.5	1214
580	KCl-LaCl ₃	80	925, 1400
580	KCl-NaF-K ₂ CrO ₄	* 55.-20-25	1711
580 m	KI-NaI	40	1158, 1261
580	LiF-NaF-Li ₄ P ₂ O ₇	18-69-13	1836

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
580	$\text{Li}_2\text{SO}_4\text{-MnSO}_4$	71.82	2705
581	$\text{CaCl}_2\text{-K}_2\text{TiF}_6$	* 59	3664
581	KCl-TiCl_3	62.5	655
581	KF-KBr	40	567, 568
582	$\text{CrCl}_2\text{-CsCl}$	72	1606, 3463
582	CsCl-NdCl_3	90	925
582	$\text{KBO}_2\text{-LiBO}_2$	44	1640, 2244
582	$\text{KI-Na}_2\text{SO}_4$	78.5	1700
582	$\text{NaF-Li}_4\text{P}_2\text{O}_7\text{-Na}_4\text{P}_2\text{O}_7$	71-13-16	1838
583	$\text{CaCl}_2\text{-KCl}$	25	397, 471, 569, 775, 776, 1133, 1386, 1675, 1963, 3673
584	$\text{CeCl}_3\text{-CsCl}$	14	925
584-596	$\text{Li}_2\text{SO}_4\text{-Na}_2\text{SO}_4$	63.5	1087, 1635
585	$\text{Ba(NO}_3)_2\text{-Sr(NO}_3)_2$	57.5	1497
585	$\text{CaCl}_2\text{-K}_2\text{TiF}_6$	* 94.6	3664
585	$\text{CaCl}_2\text{-NdCl}_3$	57	925, 1491
585	$\text{FeS-Na}_2\text{S}$	* 43	2528
585	$\text{KCl-K}_2\text{SO}_4\text{-Li}_2\text{SO}_4$	* 47.9-26.-26	1641
585 $\pm$ 3	KCl-NaCl-NbCl_4	46.4-41.2- 12.4	1353
588	$\text{KCl-KF-K}_2\text{CrO}_4$	* 40.7-29.6- 29.6	3116
588	$\text{KCl-Na}_2\text{CO}_3$	* 55.6	1321, 3205
588	$\text{CaCl}_2\text{KCl-K}_2\text{SO}_4$	* 27.6-67.4-5	1675
588	KCl-SrCl_2	71.5	1330
589	$\text{K}_2\text{O-Na}_2\text{O-P}_2\text{O}_5$	50-7.7-42.3	2474
590	$\text{CaCl}_2\text{-MnCl}_2$	* 34.8	1395
590-595	$\text{CoSO}_4\text{-Li}_2\text{SO}_4$	(27.5-28.96)	1687, 2706

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
590	CsCl-HfCl ₄	81.6	700
590	K ₂ SiO ₃ -Na ₂ SiO ₃ -PbTiO ₃	65-16-19	2916
590	NaCl-NaVO ₃	23	1506
590	PbSO ₄ -Ti ₂ SO ₄	23.5	1528
591	CsCl-TiCl ₃	88.5	186, 655
592	Ag ₂ S-Bi ₂ S ₃ -PbS	81-5-14	1616
592	Bi ₂ O ₃ -PbO-WO ₃	29.0-70.5-0.5	1338
592	K ₂ WO ₄ -Li ₂ WO ₄	64	2010, 2241, 2244, 2401
593	CsCl-TiCl ₂	90	316
593	NaF-K ₂ MoO ₄ -Na ₂ MoO ₄	25-16-59	1691
594	BaCl ₂ -CaCl ₂	36.5	90, 567, 1578, 1655
594	CeCl ₃ -KCl	19	727, 843, 925, 1400, 3278
594	KCl-ZrCl ₄	75.8	700, 1242, 3503
595	CsCl-NbCl ₄	90	1715
595	KCl-TiCl ₃	66.4	1864
595	LiCl-NiSO ₄	89.5	1673
596	Li ₂ SO ₄ -Li ₂ WO ₄	68	1231, 1642, 2241, 2401
596	NaF-NaVO ₃	17.5	1507
596	NiCl ₂ -Li ₂ SO ₄ -Ni ₂ SO ₄	7.5-70.5-22	1673
596	RbF-ZnF ₂	77	2903
597	CaCl ₂ -KCl	26.6	397, 471, 569, 775, 776, 1133, 1386, 1675, 1963, 3673
598	KCl-KI	49	981, 1158, 2638
598	KF-Na ₂ MoO ₄	19	1691

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
598	LiCl-Li ₃ VO ₄	* 97	2250
598	NaI-Na ₂ SO ₄	83	1700
600	BaBr ₂ -NaBr	40	568
600	BaF ₂ -BeF ₂	1-2	3065
600	KCl-K ₂ SO ₄ -K ₂ WO ₄	44-12-44	1317
601	BaCl ₂ -NaCl-K ₂ TiF ₆	* 10.3-23.3- 66.4	3401
603 m	BaF ₂ -CaF ₂ -LiF-MgF ₂	* 15.4-11.5- 47.2-25.8	3420
604	CaCl ₂ -KCl-CaSO ₄	* 69.7-24.5-5.7	1675
604	HfCl ₄ -KCl	22.4	700
604	KCl-KBO ₂ -K ₂ WO ₄	* 55.-10.7-34.2	1230
604	KF-KPO ₃	18	2981
605	CaCl ₂ -Na ₂ TiF ₆	* 94.4	2003
605	KCl-KF	54	471, 567, 568, 3673
605	KCl-NaCl-CaSO ₄	* 42.6-47.-10.5	3128
605 ± 3	KCl-NaCl-NbCl ₄	24.0-64.0- 12.0	1353
605	NaCl-TiCl ₂	67	2111, 3710
605	Na ₂ WO ₄ -PbWO ₄	75	1632, 2010
606 m	CsCl-KCl	64	775, 3471
606	KCl-NaCl-NaF	22.5-60.5-17	1943, 2229
606	NaCl-Na ₂ MoO ₄	* 31.9-	1587, 2249
607	CaF ₂ -LiF-NaF	11.1-51.7- 37.2	1803, 2031
608	LiF-Li ₂ CO ₃	49	1722
610 ± 5	BeF ₂ -KF-LaF ₃	5-78-17	189

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
610	$\text{CaCl}_2\text{-KCl}$	72	397, 471, 569, 775, 776, 1133, 1386, 1675, 1963, 3673
610	CsF-NaF	76	1807, 3391
610	KCl-PrCl_3	81	1337, 2179
611	$\text{BaTiO}_3\text{-NaVO}_3$	1.3	3174
611	$\text{CaCl}_2\text{-BaF}_2$	90	1655, 3668
611	$\text{NaF-Na}_2\text{MoO}_4$	20	1605, 1691, 1903
612	$\text{CaCl}_2\text{-CsCl}$	11	1215
612	$\text{KCl-K}_2\text{B}_4\text{O}_7\text{-Na}_2\text{B}_4\text{O}_7$	* 42.-11.8- 46.2	1644
612 m	$\text{NaCl-Na}_2\text{SO}_4\text{-Na}_2\text{CO}_3$	* 51.8-24.1- 24.1	186, 655
613	$\text{CaCl}_2\text{-CeCl}_3$	78	925, 1431, 1878, 3243, 3280
613	$\text{CsF-Cs}_2\text{Ti}_2\text{O}_5$	82	3166
613	$\text{K}_2\text{O-P}_2\text{O}_5$	57.1	2474
614	$\text{NaF-Na}_2\text{MoO}_4$	20	1605, 1691, 1903
614	$\text{K}_2\text{SO}_4\text{-Li}_2\text{SO}_4\text{-PbSO}_4$	46.5-22.5-31	1777
615	CsF-NaF	80	1807, 3391
615	CsF-ThF_4	91	2199
615	KCl-NbCl_4	78	3489
615	KCl-NdCl_3	83.5	925, 1400
616 m	CsCl-KCl	66	775, 3471
616	$\text{PuCl}_3\text{-SrCl}_2$	52	509
616	$\text{RbF-Rb}_2\text{CO}_3$	66	1722
617	$\text{LiF-Li}_2\text{MoO}_4$	38	1605
618	$\text{CaCl}_2\text{-CeCl}_3$	45.0	925, 1431, 1878, 3243, 3280

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
618	CeCl ₃ -KCl	30.2	925, 727, 843, 1400, 3278
618	KCl-K ₂ WO ₄	* 61.6	1317, 2401
618	K ₂ SO ₄ -Li ₂ SO ₄ -PbSO ₄	33-32-35	1777
618	NaF-ThF ₄	77.5	1107, 1966
618	Na ₂ SO ₄ -K ₂ MoO ₄ -Na ₂ MoO ₄	41.5-27.5- 31.0	1788
620	BaCl ₂ -AlF ₃ -NaF	* 36.6-29.3- 34.1	3365
620	Cs ₂ SO ₄ -Li ₂ SO ₄	10.5	1658
620	KCl-K ₂ B ₄ O ₇ -Na ₂ B ₄ O ₇	* 16.5-23.8- 59.6	1644
620	KCl-KPO ₃	20	2984
620	KCl-ThCl ₄	88.3	470
620	LiCl-NiCl ₂	84.1	1673
620	NaF-Li ₄ P ₂ O ₇	84	1343, 1836
620	NaF-NaI	20	567, 568
620	NaF-ThF ₄	76	1107
620	Na ₂ WO ₄ -PbWO ₄	80	1632, 2010
620	NiCl ₂ -Li ₂ SO ₄	13.5	1673
621	BaF ₂ -LiF-NaF	7-54.5-38.5	85, 2016
621	CaCl ₂ -MgCl ₂	* 39	1133
621	KI-PbO	99	82
622	CaCl ₂ -CaCO ₃	70	1697
622	KCl-K ₂ MoO ₄	* 63	1587, 2249
622	NaCl-Na ₂ WO ₄	* 82	1536
623	Ag ₂ SO ₄ -PbSO ₄	75	1259
624	BaCl ₂ -CaCl ₂	54	90, 567, 1578, 1655

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
624	BaCl ₂ -NaCl-BaTiO ₃	* 34.6-64.4-1	1520
624	CaCl ₂ -CeCl ₃	75	925, 1431, 1878, 3243, 3280
624	LiF-NaF-SrF ₂	55-36-9	2015
625	NaBr-Na ₂ SO ₄	45	2150
626	KCl-NaCl-ThF ₄	43.7-43.7- 12.6	1106
626	KF-K ₂ SiO ₃ -Na ₂ SiO ₃	36-50.5-13.5	1290
626	MgCl ₂ -NdCl ₃	36	925
626	NaCl-AlF ₃ -NaF	* 17.4-37.7- 44.8	588
627	BaCl ₂ -K ₂ TiF ₆	* 25.5	3401
627	Fe ₂ (SO ₄) ₃ -K ₂ SO ₄	12	1288
627	NaF-Na ₂ MoO ₄	15	1605, 1691, 1903
627	RbF-Rb ₂ CO ₃	49	1722
628	KF-K ₂ SiO ₃ -Na ₂ SiO ₃	43-37-20	1290
628	KF-K ₂ SiO ₃ -Na ₂ SiO ₃	59-15-26	1290
628	NaCl-Na ₂ MoO ₄	* 59.1	1587, 2249
628	NaCl-Na ₂ SO ₄	* 51.8	1472, 1767
630	AgF-ZnF ₂	42	2333
630	CaCl ₂ -LaCl ₃	28	925, 1949
630	Cs ₂ SO ₄ -Li ₂ SO ₄	24.5	1658
630	KCl-NaCl-K ₃ ZrF ₇	* 44.1-44.1- 11.7	3392
630 ± 5	KF-LaF ₃	80	189
630	LiF-MgF ₂ -NaF	47-10-43	2292
630	NaCl-K ₂ ZrF ₆	21	3392
630	Na ₂ SO ₄ -V ₂ O ₅	12.1	2790

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
630	NbCl ₄ -RbCl	17	1715
630	RbCl-TiCl ₂	85	316
632	KCl-BaF ₂ -NaF	* 67.7-3.9- 28.3	169
632	KCl-TiCl ₂	73	1547
632	KF-NaF-K ₂ B ₄ O ₇	43.2-29.8- 27.0	1643
632	LiF-NaF	61	85, 1198, 1237, 1803, 1836, 2015, 2016, 2031
633	BaCl ₂ -K ₂ TiF ₆	* 66.2	3401
633	NaF-K ₂ B ₄ O ₇ -Na ₂ B ₄ O ₇	30-32-38	1643
634	NaCl-Na ₂ CO ₃	* 76.9	1472, 1939
635	CsF-Cs ₂ MoO ₄	85	1605
635	KBr-TiBr ₃	80	3401
635-638	Li ₂ SO ₄ -PbSO ₄	(75.64-80.5)	1528, 1777, 2707
635	NaF-Na ₂ WO ₄	20	1586, 1605, 1903
636	KCl-K ₂ CO ₃	65	568, 2979
636	LiF-Li ₂ WO ₄	51	2401
636	Na ₂ SO ₄ -K ₂ MoO ₄ -Na ₂ MoO ₄	16.0-15.0- 69.0	1788
637	K ₂ O-PbO-SiO ₂	* 7.3-45.8- 46.9	2584
637	NaCl-Na ₂ WO ₄	* 19	1536
638 m	KBr-NaBr	50	1262, 1339, 2786
638	Na ₂ MoO ₄ -PbMoO ₄	71	2010
639	CsF-Cs ₂ WO ₄	84	1605

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
640	BaCl ₂ -NaCl	41.5	397, 568, 1209, 1633, 2301, 2623, 2625, 3281, 3401
640	CaCl ₂ -CeCl ₃	76	925, 1431, 1878, 3243, 3280
640	CeCl ₃ -ThCl ₄	39.4	470, 2114
640	KCl-K ₂ SO ₄ -KBO ₂	56-14-30	1441
640	KCl-K ₂ TiF ₆	* 70.8	1921
640	KF-K ₂ TiO ₃ -Li ₂ TiO ₃	65-23-12	1509
640	Li ₂ SO ₄ -NiSO ₄	74	1673
641	CaCl ₂ -KCl	74.1	397, 471, 569, 775, 776, 1133, 1386, 1675, 1963, 3673
641	CsF-Cs ₂ CrO ₄	81	1605
642	CaCl ₂ -KCl-K ₂ SO ₄	* 35.4-57.4-7.5	1675
642	CsCl-VCl ₂	97.8	1289
642	K ₂ WO ₄ -Na ₂ WO ₄	15.5	1536, 1585, 1586
643	Li ₂ SO ₄ -NiSO ₄	63.5	1673
644	CaCl ₂ -CaF ₂	80.5	471, 3673
644	KCl-CaSO ₄ -K ₂ SO ₄	* 58.1-13.5- 28.4	1675
644	KF-LiF-K ₂ SiO ₃	36-11-53	1090
644	NaF-RbF	33	1554
645	BaCl ₂ -KCl	42.7	1155
645	KF-NaF-K ₂ WO ₄	53-27-20	1586
645	MgCl ₂ -PrCl ₃	62	2179
645	MnSO ₄ -Na ₂ SO ₄	53.49	2705
646	K ₂ SiO ₃ -Na ₂ SiO ₃ -PbTiO ₃	33.0-35.0- 32.0	2916

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
646	LiF-MgF ₂ -SrF ₂	53-29-18	1336
648	BaCl ₂ -NaCl	40	397, 568, 1209, 1633, 2301, 2623, 2625, 3281, 3401
648	BaCl ₂ -NaCl	51.5	397, 568, 1209, 1633, 2301, 2623, 2625, 3281, 3401
648	BaCl ₂ -PuCl ₃	36	509
648	CsF-Cs ₂ SO ₄	84	1722
648	KF-NaF-K ₂ MoO ₄	32-28-21	1691
648	KI-K ₂ SO ₄	86	568, 1700
648	LiF-K ₂ WO ₄	58	2101
648	NaF-Na ₂ CrO ₄	35	1605
650	BaCl ₂ -NaCl	40	397, 568, 1209, 1633, 2301, 2623, 2625, 3281, 3401
650	KCl-K ₂ CrO ₄	* 68.4	1711, 3116
650	MgCl ₂ -PuCl ₃	62	509
650	NaF-Na ₂ WO ₄	11	1586, 1605, 1903
650	NaF-Na ₂ WO ₄	23	1586, 1605, 1903
650	Na ₂ O-V ₂ O ₅	6.5	1519
650	Na ₂ SO ₄ -V ₂ O ₅	81.9	2790
652	KF-LiF-Li ₂ TiO ₃	79-12-9	1509
652 m	NaBr-NaI	30	3469
653	CdSO ₄ -K ₂ SO ₄	43.5	2660, 2675
654	BaCl ₂ -AlF ₃ -NaF	* 22.2-32.-74.6	3365

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
654	BaCl ₂ -NaCl	39	397, 568, 1209, 1633, 2301, 2632 2625, 3281, 3401
654	BaF ₂ -LiF-MgF ₂	22-52-26	1253
654	CdMoO ₄ -Li ₂ MoO ₄	19.5	3371
655 m	KCl-NaCl-CaF ₂	* 59.4-39.8-.8	1654, 2034
655 ± 5	KCl-VC1 ₃	84 ± 0.5	1837
655	Na ₂ CrO ₄ -Na ₂ CO ₃	52.2	1736
655	V ₂ O ₅ -NaVO ₃	93.5	2790
656	BaCl ₂ -NaCl	40	397, 568, 1209, 1633, 2301, 2623, 2625, 3281, 3401
~656 m	NaCl-K ₂ B ₄ O ₇	* 76.5	1644
657	MgCl ₂ -MgSO ₄	81	568
658	BaF ₂ -KF-NaF	19-54-27	85
658	CoCl ₂ -CoSO ₄	70	1687, 2228
658	KF-NaF-K ₂ B ₄ O ₇	15.2-40.4- 44.4	1643
658	Li ₂ MoO ₄ -PbMoO ₄	88	2010
658	NaF-Na ₂ CO ₃ -Na ₂ SO ₄	37.4-37.4- 25.2	1470
660	CdF ₂ -NaF	47	568
660	CeCl ₃ -MgCl ₂	31.2	925
660	KCl-Na ₂ B ₄ O ₇	27.5	2229
660	KF-Li ₂ TiO ₃	84	1509
660	KI-K ₂ SO ₄	86	568

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
660	K_2MoO_4 - Na_2MoO_4	16	1585, 1691, 1788, 2249
662	$CaCl_2$ - K_2TiF_6	* 86.1	3664
662	$CaCO_3$ - Li_2CO_3	* 32.8	1148
662	KF - ThF_4	~ 86	1107, 2632
662	$NaCl$ - CaF_2 - NaF	* 64.3-1.2-30.3	1252
664 m	K_2CrO_4 - $K_2B_4O_7$ - $Na_2B_4O_7$	10-36-54	2676
664	KF - NaF - K_2WO_4	20-39-41	1586
664	KF - NaF - SrF_2	46.8-36.2- 17.0	2015
666-668 m	$K_2B_4O_7$ - $Na_2B_4O_7$	35	1643, 2676
666	$NaCl$ - VCl_2	70.4	1289
667	K_2MoO_4 - Na_2MoO_4	19	1585, 1691, 2249
667	RbF - ZnF_2	35	2903
668 m	KBr - $RbBr$	20	1839
670	AlF_3 - NaF	63.5	588, 1034, 1039, 1267, 2117, 2312
670	K_2SiO_3 - Na_2SiO_3 - $PbTiO_3$	40.5-33.5- 26.0	2916
670	$LiBO_2$ - K_2WO_4	64	2244
670	NaF - $NaBr$	27	567, 568
670 m	Na_2SO_4 - Na_2WO_4	(20-40)	1632
671	$RbCl$ - $TiCl_3$	64	186, 655
672-683	$BaCl_2$ - $CeCl_3$	(31-35)	925, 3281
672	CaF_2 - LiF - MgF_2	13.1-59.0 27.9	1249, 1500
672	$CsCl$ - $TiCl_3$	35	186, 655

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
672	KF-NaF-K ₂ MoO ₄	23-32-45	1691
672	K ₂ SO ₄ -Na ₂ CO ₃	34	1321
673	KCl-TiCl ₃	83	655, 1864, 3410, 3754
674	NaCl-AlF ₃ -NaF	* 46.9-7.5-45.5	588
675	KCl-CaSO ₄ -K ₂ SO ₄	* 79-18-3	1675
675	MgSO ₄ -Rb ₂ SO ₄	47.5	1306
675	NaCl-NaF	65	567, 568, 1711, 1252, 3206
676	CaF ₂ -KF-NaF	10-62-38	2031, 2033, 2918
676	CaF ₂ -LiF-MgF ₂	12-64-24	1249, 1500
676	KCl-TiCl ₃	85.2	1864
676	Na ₂ MoO ₄ -Na ₂ WO ₄	40	1585, 1587
677	Na ₂ SO ₄ -Na ₂ MoO ₄	14.5	1250
678	CaCl ₂ -RbCl	82.5	1214
678	KF-K ₂ CO ₃	60	1470, 2979, 3206
678	Na ₂ SO ₄ -Na ₂ MoO ₄	33	1250
680	BaF ₂ -CaF ₂ -KF	22-9-69	171
680-681	CdSO ₄ -Na ₂ SO ₄	54	1087, 1525, 2708
680	Cs ₂ SO ₄ -Li ₂ SO ₄	69	1658
680	Cs ₂ SO ₄ -MgSO ₄	55	1929
680	Cu ₂ O-PbO	* 25.5	2751
680	KBr-K ₂ SO ₄	63	2150
680	K ₂ SO ₄ -MnSO ₄	59.60	2705
680	NaCl-LiF	58.5	413
680	NaF-Na ₂ B ₄ O ₇	33	1643, 1960

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
680	Na ₂ O-Na ₂ S	40	2803
681	K ₂ TiF ₆ -TiO ₂	* 81.5	588
682	Bi ₂ O ₃ -PbO-WO ₃	6.0-80-14.0	1338
682	CaF ₂ -KF-NaF	7-54-39	2031, 2033, 2918
682	KCl-TiCl ₃	85	3410
682	KF-K ₂ TiO ₃ -Na ₂ TiO ₃	45-23-32	1726
682	K ₂ O-PbO-SiO ₂	* 13.3-30.5- 56.2	2584
683	KF-ZnF ₂	76	2903
683	K ₂ O-PbO-SiO ₂	* 11.6-33.7- 54.7	2584
684	LiF-MgF ₂ -NaF	59-29-12	2292
685	AlF ₃ -CsF	5.5	2993
685	AlF ₃ -NaF	* 46.6	588, 2117
685	FeS-SnS	31	567
685	KF-MgF ₂ -NaF	59.0-6.5-34.5	2305
686	BaCO ₃ -Na ₂ CO ₃	37	1633
686	KF-K ₂ CO ₃	48	1470, 2979, 3206
682	KF-K ₂ CO ₃	60	2979
686	LiBo ₂ -Li ₂ WO ₄	15	1231, 2244, 2401
686	PbO-Li ₂ WO ₄	1	82
687	KCl-CaSO ₄	* 82	1675, 3128
687	KCl-VC1 ₂	78.5	1289
688	KF-K ₂ CO ₃	46	2979
688	KF-K ₂ CO ₃	47	3206
688 m	BaF ₂ -KF-SrF ₂	16-69-15	699
688	KF-Na ₂ MoO ₄	84	1691
690	CsCl-TiCl ₃	66	186, 655
690	KCl-K ₂ SO ₄	* 76.7	1321, 1767, 3052
690	NaF-Na ₂ CO ₃	(38.66-40)	568, 1470, 2979, 3206

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
690	NaF-ThF ₄	63	1107, 1966
690	RbF-Rb ₂ MoO ₄	77	1605
691	AlF ₃ -LiF	37	1267, 2738, 2993
691	KF-ThF ₄	69	1107, 2632
693	AlF ₃ -Na ₃ AlF ₆	* 62.5	1205, 3260, 3357
693	Fe ₂ (SO ₄) ₃ -K ₂ SO ₄	28	1288
693	K ₂ O-PbO-SiO ₂	* 3.3-67.7-29.1	2584
694	Al ₂ O ₃ -PbO-SiO ₂	* 2.1-71.3-26.6	2581
694	NaCl-Na ₂ B ₄ O ₇	* 13.9	1644
694	AlF ₃ -Na ₃ AlF ₆	* 62.5	3357, 1205, 3260
694	KF-ThF ₄	86	2632
695 ± 5	Al ₂ O ₃ -K ₂ O-SiO ₂	* 2.4-22.-75.5	2559, 2611
695	Al ₂ O ₃ -PbO-SiO ₂	* 2.0-79.5-18.4	2581
695	Al ₂ O ₃ -PbO-SiO ₂	* 2.1-56.9-41	2581
695-706	CaSO ₄ -Li ₂ SO ₄	(16.2-16.5)	2864, 3702
695	LiF-YF ₃	81	3396
695	PbO-P ₂ O ₅ -SiO ₂	75.3-1.4-23.3	2834
696	CaCl ₂ -KCl-K ₂ SO ₄	* 45.5-45.5-9	1675
697	PbBr ₂ -PbO	27.50	2404
698	CuO-PbO	40.88	2326
699	CaF ₂ -KF-SrF ₂	7.72-76.54- 15.74	1392
699-722	KF-NaF	59.5-60	85, 471, 567, 568, 633, 1198, 1507, 1529, 1643, 1691, 1726, 2015, 2031, 2033, 2305, 2918
700	BeF ₂ -KF	18	1535, 189

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
700 m	K_2CO_3 - Na_2CO_3	40	1196, 1697, 1882, 2669
700-712	K_2SO_4 - Li_2SO_4	60.5	1086, 1768, 1769, 2675
700	LiF - Na_3AlF_6	* 83.5	1538
700	MgF_2 - RbF	22	2896
700	$NaCl$ - Na_2O	~ 75	333
700	NaF - ThF_4	63-64	1107
702	$NaCl$ - BaF_2	* 77.3	1654
704	Al_2O_3 - PbO - SiO_2	* 3.5-61.1-35.5	2581
704	$InCl_3$ - $NaCl$	78	1742
704	K_2O - PbO - SiO_2	* 3.4-61.9-34.6	2584
704	KCl - ThF_4	77	1106
704 m	K_2CO_3 - Na_2CO_3	40	1196
705 $\pm$ 5	BeF_2 - KF	19	189
705	$CaCl_2$ - $CsCl$	89	1215
705	K_2O - PbO - SiO_2	* 2.9-76.1-21	2584
705 $\pm$ 10	K_2O - PbO - SiO_2	* 21.-5.4-73.5	2584
705	NaF - ThF_4	59	1107, 1966
706	AlF_3 - LiF	14.5	1267, 2738, 2993
706	$BaCl_2$ - $NaCl$ - BaF_2 - CaF_2	* 15.1-69.3- 15.1-5	2034
706	$PbBr_2$ - PbO	22.50	2404
707	Li_2WO_4 - $PbWO_4$	83.5	2010
708	Li_2WO_4 - $PbWO_4$	83.5	1088
708	$CaCl_2$ - $CaSO_4$	87.5	3702, 1675
708	K_2O - PbO - SiO_2	* 20.5-18.0- 61.5	2584
708	LiF - MgF_2 - NaF	62-19-19	2292

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
710 $\pm$ 20	Al ₂ O ₃ -K ₂ O-SiO ₂	* 2.4-16.1-81.5	2611, 2559
710	BaF ₂ -CaF ₂ -LiF	16-17-67	170
710	AlF ₃ -LiF	36	2738
710	Li ₃ AlF ₆ -Na ₃ AlF ₆	* 67.9	1487, 1267
712 m	K ₂ CO ₃ -Na ₂ CO ₃	46	1697, 1882
712	KF-K ₂ B ₄ O ₇	56	1643
712	NaCl-ThF ₄	48	1106
713	PbCl ₂ -Li ₃ VO ₄ - Pb ₃ (VO ₄) ₂	* 2.3-40.6-57.	2250
714	NaCl-AlF ₃	* 75.5	2117, 588
714 $\pm$ 3	PbO-SiO ₂	75	2584, 2580, 3290
715	AlF ₃ -LiF	15	2738
715	KCl-KBO ₂	* 84.4	1230
715	KCl-LiF	80	413
715 $\pm$ 5	K ₂ O-PbO-SiO ₂	* 18.8-5.6-75.5	2584
715	Na ₂ CrO ₄ -Na ₂ B ₄ O ₇	25	2676
716	K ₂ O-PbO-SiO ₂	* 17.5-22.8-59	2584
716 $\pm$ 3	PbO-SiO ₂	59.5	2584, 2580, 3290
717	RbCl-PbO	* 99.6	82
718	K ₂ SO ₄ -KPO ₃	* 12.3	1645
718	K ₂ O-PbO-SiO ₂	* 11-11.2-77.8	2584
719	K ₂ O-PbO-SiO ₂	* 12.5-23.2- 64.3	2584
720	KCl-K ₃ PO ₄	85	2984
720	Li ₄ P ₂ O ₇ -Na ₄ P ₂ O ₇	38.5	1836
720	Na ₂ SO ₄ -PbSO ₄ -PbWO ₄	46-48.5-5.5	1632
721	BaF ₂ -LiF-SrF ₂	17-69-14	1336
722	KF-K ₂ MoO ₄	70	1607, 1903, 1691
722	KF-K ₂ MoO ₄	71	1691

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
722-746	$\text{Li}_2\text{SO}_4\text{-SrSO}_4$	(75-83.37)	568, 2412, 3359, 2702
723	$\text{BaCl}_2\text{-NaCl-BaF}_2$	* 14.-72.-14	2034
723	$\text{RbF-Rb}_2\text{SO}_4$	86	1722
725 $\pm$ 5	$\text{Al}_2\text{O}_3\text{-K}_2\text{O-SiO}_2$	* 2.1-18.6-79.2	2611, 2559
~ 725	$\text{Al}_2\text{O}_3\text{-PbO-SiO}_2$	* 1.2-38.4-59.9	2581
725	$\text{CoSO}_4\text{-K}_2\text{SO}_4$	72.41	2706
725	$\text{NaCl-Na}_4\text{P}_2\text{O}_7$	77.8	796, 1951
726	$\text{K}_2\text{SO}_4\text{-Li}_2\text{SO}_4\text{-LiBO}_2$	* 30.5-2.-67.5	1639
726	NaCl-CaSO_4	* 82.3	3128
726	$\text{PbO-Na}_2\text{CrO}_4$	1	82
726	$\text{RbF-Rb}_2\text{SO}_4$	78	1554, 1722
728	$\text{KF-K}_2\text{WO}_4$	73	1586, 1903, 2401
729	$\text{BaF}_2\text{-KF}$	27	85, 171, 699, 2016
729	$\text{RbF-Rb}_2\text{WO}_4$	80	1605
730	$\text{KF-K}_4\text{P}_2\text{O}_7$	80	2981
730	$\text{KF-K}_2\text{SiO}_3$	53	1090
730	KCl-TiCl_2	38	1547
730	$\text{K}_2\text{O-PbO-SiO}_2$	* 6.3-37.6-56.1	2584
730	$\text{NaCl-CaF}_2\text{-Na}_3\text{AlF}_6$	* 87.5-1-11.5	2130
732 $\pm$ 5	$\text{Al}_2\text{O}_3\text{-Na}_2\text{O-SiO}_2$	* 7.8-26.7-65.4	2612
732	$\text{KF-K}_2\text{CrO}_4$	70	1605, 3116
732	$\text{KF-K}_2\text{CrO}_4$	77	1605, 3116
732 $\pm$ 2	PbO-SiO_2	39	2584, 2580, 3290
734	KCl-KBr	40	2786, 1329
734	NaCl-BaCO_3	53	1633
734	$\text{NaCl-Na}_3\text{AlF}_6$	43.9	3260
734	$\text{NaF-Na}_4\text{P}_2\text{O}_7$	51	1836

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
734	NaF-Rb ₂ SO ₄	58	1554
735	KCl-K ₄ P ₂ O ₇	85	2984
735	LiF-MgF ₂	64	1111, 1249, 1336, 2292
735	Na ₂ SO ₄ -PbSO ₄	53	1632, 1671, 2707
736	Li ₃ VO ₄ -Pb ₃ (VO ₄) ₂	44.4	2250
737	K ₂ O-PbO-SiO ₂	* 2.5-43.6-53.9	2584
737	Li ₂ SO ₄ -LiBO ₂	* 52.7	1231, 2401
737	Li ₂ SO ₄ -LiBO ₂	* 69.5	1231, 2401
737	NaCl-NaAlF ₆	89	2130
738	BaF ₂ -CaF ₂ -NaF	25-26-49	171
738	KCl-K ₂ B ₄ O ₇	* 50.2	1964
739	KCl-BaF ₂	* 92.5	1654
740 ± 5	Al ₂ O ₃ -Na ₂ O-SiO ₂	* 2.8-21.3-75.8	2612
740	CaCrO ₄ -Na ₂ CrO ₄	48.4	1736
740	CaF ₂ -LiF-SrF ₂	13-73-14	3332
740	CsF-Cs ₂ MoO ₄	47	1605
740	K ₂ O-PbO-SiO ₂	* 21.-12.5-66.5	2584
740	K ₂ O-SiO ₂	* 22.2	1615, 2584, 2604, 2611
740	Na ₂ SO ₄ -Na ₂ S	72.3	2803
740-752	K ₂ O-SiO ₂	* 22.2-23.4	1615, 2584, 2604, 2611
741	KF-ThF ₄	34	1107, 2632
742	CsF-Cs ₂ CrO ₄	44	1605
742	KF-KPO ₃	80	2981
742 m	LiF-MgF ₂	67	2292

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
742 m	LiF-MgF ₂	71	1111, 1249, 1336, 2292
743 m	LiF-MgF ₂	71	1249
743 $\pm$ 2	LiF-PuF ₃	80.5	3353
744	KF-SrF ₂	78	699, 1392, 2015
745	KF-K ₂ MoO ₄	43	1607, 1903, 1691
746	BaF ₂ -LiF-Li ₂ SiO ₃	39-35-26	1657
746	BaF ₂ -LiF-Li ₂ SiO ₃	27-62-9	1657
746	NaF-Na ₂ SO ₄	30	1470, 1554
747	NaF-Na ₂ SO ₄	29	1554
747	NaF-ZrF ₄	80	64, 200, 1126, 1987, 1838, 1128
748	BaF ₂ -LiF-MgF ₂	46-29-25	1253
748	K ₂ CrO ₄ -KBO ₂ -K ₂ B ₄ O ₇	12.7-47.2- 40.1	2677
748	KF-ZnF ₂	20	2903
748	Na ₂ SO ₄ -Na ₄ P ₂ O ₇	58	2246
749	KF-K ₂ MoO ₄	40	1605
750	BaF ₂ -LiF-Li ₂ SiO ₃	32-51-17	1657
750	K ₂ TiO ₃ -Li ₂ TiO ₃	88.5	1089, 1509
750	NaF-ThF ₄	46.5	1107, 1966
752	CsF-Cs ₂ WO ₄	43	1605
752 m	K ₂ CrO ₄ -Na ₂ CrO ₄	30	2676
752	KF-K ₂ TiO ₃	58	1509, 1726
753	K ₂ SiO ₃ -Na ₂ SiO ₃	82	1290, 2916
753	SrCl ₂ -SrF ₂	87	1778, 2242
754	Li ₂ SO ₄ -PbWO ₄	94.5	1088
755	NaF-ZrF ₄	* 81	64, 200, 1126, 1128, 1838, 1987

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
756	$K_2CrO_4-K_2B_4O_7$	8	2676, 2677
756	$K_2SO_4-PbSO_4-PbWO_4$	51.5-41.0- 7.5	2236
756	$RbF-Rb_2MoO_4$	41	1605
757	$CaCl_2-CaO$	94	3110
758	$KF-K_2CrO_4$	47	1605, 3116
758	$KF-K_2TiO_3$	58	1726
759	$CaF_2-KF-NaF$	29-16-55	2031, 2033, 2918
760 $\pm$ 5	$Al_2O_3-Na_2O-SiO_2$	* 6.3-32.7-6.1	2612
760	BaF_2-LiF	19	85, 170, 1336, 1657, 2016
760	$BaF_2-Li_2SiO_3$	51.5	1657
760	$BaSO_4-Li_2SO_4$	9.37	568, 2412, 2702
760	$BaSO_4-Li_2SO_4$	20	568, 2412, 2702
760 $\pm$ 5	CaF_2-LiF	~ 22	170, 1249, 1500, 1656, 1803, 1807, 2031, 3332
760	$KF-K_2WO_4$	44	1586, 1903, 2401
760	$K_2SiO_3-Na_2SiO_3$	65.5	1290, 2916
760	$K_2SiO_3-Na_2SiO_3$	80	1290, 2916
761	$LiF-SrF_2$	80	1336, 1778
762	$SrCl_2-SrSO_4$	86	3359
763	$RbCl-TiCl_2$	65	316
764	$Al_2O_3-PbO-SiO_2$	* 9.8-78.6-11.5	2581
764	K_2O-SiO_2	* 19.5	1615, 2584, 2604, 2611
764-771	K_2O-SiO_2	* 19.5-20	1615, 2584, 2604, 2611

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
765-770	MoO ₃ -WO ₃	98	3125
766	CaCl ₂ -CaSiO ₃	99	568
766	KF-K ₃ PO ₄	80	2981
766	KF-ZrF ₄	94.6	3392
767 ± 3	Al ₂ O ₃ -Na ₂ O-SiO ₂	* 4.5-25.8-69.7	2612
768 ± 5	Al ₂ O ₃ -Na ₂ O-SiO ₂	* 6.4-31.1- 62.4	2612
768	K ₂ SiO ₃ -Na ₂ SiO ₃	63.5	1290, 2916
769	RbF-Rb ₂ WO ₄	43	1605
770	BeF ₂ -KF-LaF ₃	32.7-65.3-2	189
770	KCl-CaF ₂	* 98.7	1654
770	K ₂ MoO ₄ -PbMoO ₄	68	2010
770	NaCl-CaF ₂	* 96.1	1654
772	NaF-Na ₂ SO ₄	64	1470, 1554
775	CsF-ThF ₄	60	2199
775-785	K ₂ O-SiO ₂	* 43.3	1615, 2584, 2604, 2611
776	BaCl ₂ -BaF ₂ -CaF ₂	76-6.5-17.5	1655, 3668
776	KF-K ₂ SO ₄	83	1470, 1672, 2401
776	LiF-Li ₄ P ₂ O ₇	93	1836
777	BaF ₂ -CaF ₂ -MgF ₂	52-21-27	86
778 m	KBO ₂ -K ₂ B ₄ O ₇	48	2677
778	KF-MgF ₂	85	2305, 2333, 2896
779	NaF-Na ₂ SO ₄	61	1470
780	CaF ₂ -KF	24	171, 1392, 2031, 2033, 2918, 3673
780	K ₂ SiO ₃ -Na ₂ SiO ₃	51	1290, 2916
780	K ₂ SO ₄ -K ₂ WO ₄ -PbWO ₄	19.0-48.5- 32.5	2236

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
780	LiCl-NiSO ₄	* 56.1	1673
780	RbF-Rb ₂ Ti ₂ O ₅	93	3166
781	MgF ₂ -RbF	35	2896
782	CaF ₂ -KF	15.4	171, 1392, 2031, 2033, 2918, 3673
782	Na ₂ O-SiO ₂	24.80	1615, 3275
783	KF-K ₂ SO ₄	84	1672
784	K ₂ SiO ₃ -Na ₂ SiO ₃	51	1290, 2916
784	K ₂ TiO ₃ -Na ₂ TiO ₃	86.5	1726
785	CaCO ₃ -Na ₂ CO ₃	40	1736, 1881
786	CaCO ₃ -Na ₂ CO ₃	38	1736
786	K ₂ MoO ₄ -K ₂ TiO ₃	17	1233
786	K ₂ SO ₄ -K ₂ WO ₄ -PbWO ₄	25.0-32.0- 43.0	2236
787	K ₂ WO ₄ -K ₂ TiO ₃	19	1233
788	KF-K ₂ SO ₄	83	2401
788	K ₂ TiO ₃ -KVO ₃	96	1233
790	AlF ₃ -RbF	6.5	2993
~ 790	CaCO ₃ -K ₂ CO ₃	~ 60	1684, 2811
791	BaCl ₂ -CaF ₂	78	1655
792	K ₂ WO ₄ -PbWO ₄	67	2010, 2236
793	CsF-Cs ₂ SO ₄	46	1722
793	Na ₂ O-SiO ₂	25.50	1615, 3275
794	KBO ₂ -LiBO ₂	11	1640, 2244
794	K ₂ CrO ₄ -KBO ₂ -K ₂ B ₄ O ₇	18.95-62.1- 18.95	2677
794	Nb ₂ O ₅ -K ₂ CO ₃	11	2502

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
796	$K_2CrO_4-K_2TiO_3$	12	1233
796	$K_2SO_4-PbSO_4$	53.67	1672, 2701
796	$NaCl-Na_2TiO_3$	* 99.5	1233
796	$NaCl-PbO$	* 99.6	82
797	$CsF-ThF_4$	47	2199
797	$KF-NiF_2$	90.8	1743
798	$CsCl-TiCl_2$	32	316
798	$KF-MgF_2-NaF$	15-22.5-62.5	2305
798	$Na_3AlF_6-Na_2SO_4$	9	1563
800	$CaCl_2-CaO$	(70-77.5)	3110
800	$K_2WO_4-PbWO_4$	67	2010, 2236
800	$Na_2SiO_3-NaBO_2$	37	568
800	$PbO-K_2WO_4$	1	82
802	$Bi_2O_3-PbO-WO_3$	23.5-6.5-70.0	1338
804 m	$BaF_2-NaF-SrF_2$	21-61-18	699
804 m	$CaF_2-NaF-SrF_2$	24-65-11	1392
804	$K_2SO_4-K_2TiO_3$	6	1233
805 m	$CaCO_3-K_2CO_3-Na_2CO_3$	* 50-37-13	1697
805	$K_2SO_4-PbSO_4$	55	1672
806	$K_2O-PbO-SiO_2$	* 27.8-16.4- 55.8	2584
807	$Bi_2O_3-PbO-WO_3$	20.5-7.0-72.5	1338
808	$CdSO_4-K_2SO_4$	79.5	2660, 2675
808	$KBO_2-K_2WO_4$	57	2244, 2401
810 $\pm$ 10	$BaO-B_2O_3-SiO_2$	* 21.9-67.2- 10.9	2588

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
810	CaF ₂ -NaF	32.5	171, 471, 1169, 1252, 1375, 1392, 1803, 2031, 2033, 2918
811	BaCl ₂ -BaCO ₃ -BaTiO ₃	79.5-11.25-9.25	1197
812	BaF ₂ -NaF	37	85, 171, 699, 1169, 1469, 2016
812	Bi ₂ (WO ₄) ₃ -PbWO ₄	72	1338
814	NaCl-BaCO ₃	76	1633
815	K ₂ MoO ₄ -PbMoO ₄	37	2010
816	MgF ₂ -NaF	25	2992, 2305
818	CaF ₂ -NaF	32	171, 1392, 2031, 2033
818	PbO-TiO ₂	92.5	1318
818	CaF ₂ -NaF	34	1252, 1803, 2918
820 m	Na ₂ SO ₄ -Na ₂ CO ₃	37.5	1470
820	PbO-Sb ₂ O ₅	91	2779
820	RbF-Rb ₂ Ti ₂ O ₅	30	3166
825	CsF-Cs ₂ Ti ₂ O ₅	35	3166
825	KF-K ₂ Ti ₂ O ₅	77	3166
825	SrCl ₂ -SrO	95	3110
826	Na ₂ CO ₃ -BaTiO ₃	98.6	1196, 3174
826	K ₂ WO ₄ -PbWO ₄	41	2010, 2236
830	CrF ₂ -CrF ₃	70	38
830	MgF ₂ -NaF	25	2292
830	K ₂ CrO ₄ -KBO ₂	63	2677
832 ± 2	B ₂ O ₃ -Li ₂ O	* 53.7 ± .3	1502
835	BaF ₂ -Na ₃ AlF ₆	66.7	3256
837	AlF ₃ -KF	7.5	2738, 2993

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
838	CsF-ThF ₄	69.5	2199
838	WO ₃ -Bi ₂ (WO ₄) ₃	76.5	1338
840	AlF ₃ -KF	6	2738
840	BaCl ₂ -BaF ₂	85	1469
840	K ₂ O-PbO-SiO ₂	* 4.3-87.2-8.5	2584
840	K ₂ SO ₄ -PbSO ₄ -PbWO ₄	22.5-63.0- 14.5	2236
840	LiF-Li ₂ SiO ₃	97.5	1657
840	Li ₂ SO ₄ -PbO	99	82
842	RbF-Rb ₂ SO ₄	27	1554, 1722
845	KF-PbTiO ₃	94	2237
845	Nb ₂ O ₅ -K ₂ CO ₃	33.5	2502
846	Na ₂ O-SiO ₂	37.16	1615, 3275
847	RbF-Rb ₂ SO ₄	43	1554, 1722
848	K ₂ SO ₄ -KBO ₂	41	1441, 2401
850	K ₂ WO ₄ -PbWO ₄	39	2010, 2236
855	K ₂ SO ₄ -PbWO ₄	56	2236
856	NaF-SrF ₂	(68-73)	699, 1169, 1392, 1653, 2015
857	Na ₂ SiO ₃ -PbTiO ₃	65	2237, 2916
860	BaCl ₂ -BaCO ₃	82.5	1197
860	KF-ThF ₄	54	1107, 2632
860	K ₂ SO ₄ -KBO ₂	32	1441, 2401
860	Na ₂ SO ₄ -PbO	99	82
860	Na ₂ SO ₄ -PbWO ₄	85	1632
863	FeS-PbS	53	567
864	KF-K ₂ SO ₄	42	1470, 1672, 2401

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
865	Al ₂ O ₃ -PbO	* 12.2	2581
865	KF-K ₂ SO ₄	43	1470
865	KF-ThF ₄	47	1107, 2632
866	Na ₂ SO ₄ -Na ₂ TiO ₃	98.5	1233
868	Na ₃ AlF ₆ -NaF-Al ₂ O ₃	41.2-35.8-13	1375, 3282
870	NaF-Li ₂ TiO ₃ -Na ₂ TiO ₃	71-11-18	1237
870	PbO-K ₂ CrO ₄	1	82
872 m	BaCl ₂ -AlF ₃	61.5	3365
874	NaF-Li ₂ TiO ₃	87	1237
875 ± 5	BaO-B ₂ O ₃ -SiO ₂	* 36.6-19.8- 43.6	2588
875 ± 5	BaO-B ₂ O ₃ -SiO ₂	* 34.8-62.3-3.	2588
875	KF-ThF ₄	44	1107, 2632
875	MgF ₂ -RbF	65	2896
875	Na ₃ AlF ₆ -NaF-TiO ₂	* 22.5-71.3-6.1	1034
880	BaCl ₂ -BaF ₂ -CaF ₂	17-62-21	1655, 3668
880	NaF-Na ₂ TiO ₃	52	1237, 1726
880	PbO-Na ₂ TiO ₃	99	82
882	K ₂ SO ₄ -K ₄ P ₂ O ₇	* 59.6	2246
882	Na ₃ AlF ₆ -NaF	60	1205, 3260
883	KF-K ₂ SO ₄	41	2401
885	AlF ₃ -NaF	25	588, 1034, 1039, 1267, 2117, 2312
885	AlF ₃ -NaF	* 62.5	1034
890	Na ₃ AlF ₆ -Li ₂ O	* 75.1	1538
896	Na ₃ AlF ₆ -CaO	66.7	1565, 2380
896	NaF-Na ₂ SiO ₃	59	1789
896	NaF-Na ₂ TiO ₃	33	1726

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
898	$\text{Na}_3\text{AlF}_6\text{-BeO}$	* 66.7	1538
898	$\text{NaF-Na}_2\text{TiO}_3$	52	1237, 1726
899	$\text{BaCl}_2\text{-BaO}$	87.5	3110
900 $\pm$ 2	$\text{Al}_2\text{O}_3\text{-Na}_2\text{O-SiO}_2$	* 10.8-39.2-50	2612
900	$\text{B}_2\text{O}_3\text{-CoO}$	* 40.7	2408
900	FeO-FeS-MnS	45-40-15	2752
902	$\text{K}_2\text{TiO}_3\text{-Na}_2\text{TiO}_3$	31.5	1726
903 m	$\text{BaCl}_2\text{-SrCl}_2\text{-SrF}_2$	30-19-51	2242
905	$\text{Al}_2\text{O}_3\text{-CaO-P}_2\text{O}_5$	* 6.4-33.3-60.2	2547
905 $\pm$ 10	$\text{Al}_2\text{O}_3\text{-K}_2\text{O-SiO}_2$	* 5.6-30.3-64.1	2559, 2611
905	$\text{Na}_3\text{AlF}_6\text{-MgO}$	70.0	1565, 2380
909	$\text{MgF}_2\text{-Na}_3\text{AlF}_6\text{-Al}_2\text{O}_3$	* 36.8-56.6-6.5	1505
910	$\text{BaO-Li}_2\text{O-SiO}_2$	12.5-22.0- 65.5	3007
912	$\text{BaF}_2\text{-MgF}_2$	60	86, 1253, 3303
913	$\text{BaSO}_4\text{-Na}_2\text{SO}_4$	19.91	2700
916	$\text{K}_2\text{SO}_4\text{-K}_2\text{WO}_4$	35	2241, 2401
917	$\text{CaSO}_4\text{-Na}_2\text{SO}_4$	* 50	2699
917	$\text{NaF-Li}_2\text{TiO}_3\text{-Na}_2\text{TiO}_3$	21.4-10.3- 68.3	1237
918 $\pm$ 5	$\text{Al}_2\text{O}_3\text{-K}_2\text{O-SiO}_2$	* 5.2-28.-66.7	2559, 2611
920	$\text{Al}_2\text{O}_3\text{-CaO-P}_2\text{O}_5$	* 5.2-39.4- 55.4	2547
920	$\text{BaF}_2\text{-BeF}_2$	72	3065
920 $\pm$ 10	$\text{BaO-B}_2\text{O}_3\text{-SiO}_2$	* 47.5-28.6- 23.9	2588
920	$\text{BaO-Li}_2\text{O-SiO}_2$	12.0-21.0- 67.0	3007

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
920	FeO-FeS	* 74.1	2752, 3196
920 $\pm$ 3	GeO ₂ -Li ₂ O	75	2693
920	K ₂ SO ₄ -PbSO ₄	25	1672
920	Na ₂ TiO ₃ -NaVO ₃	79.5	1233
923 $\pm$ 5	Al ₂ O ₃ -K ₂ O-SiO ₂	* 5.5-31.5-63	2559, 2611
923	CaF ₂ -Na ₃ AlF ₆ -Al ₂ O ₃	* 27.3-56.6- 16.1	1205, 2130, 3357
929	BaSiO ₃ -Na ₂ SiO ₃	45	1789
930	KCl-VC1 ₂	47.5	1289
930 $\pm$ 10	Li ₂ O-MgO-SiO ₂	* 23.-13.2- 63.7	2482
930	PbO-WO ₃	32.5	1338
933	CaF ₂ -Na ₃ AlF ₆ -Al ₂ O ₃	* 40.7-54.9-4.3	1205, 2130, 3357
935 $\pm$ 10	Li ₂ O-MgO-SiO ₂	* 25.7-13.9- 60.4	2482
936	BaCl ₂ -BaF ₂ -CaF ₂	36-35.5-28.5	1655, 3668
938	BaCl ₂ -BaTiO ₃	97.5	3261
940	BaCl ₂ -BaF ₂	22	1469
940	BaO-Li ₂ O-SiO ₂	24.5-22.5- 53.0	3007
940	CaF ₂ -Na ₃ AlF ₆	* 49.5	1205, 2130, 3357
940	FeO-FeS	* 47	2752, 3196
945	CaF ₂ -Na ₃ AlF ₆	* 48.6	3357
948	CaF ₂ -MgF ₂	42.4	86, 567, 568, 1249
948	PbO-P ₂ O ₅ -SiO ₂	77.7-21.7-.6	2834
950 $\pm$ 20	BaO-B ₂ O ₃ -SiO ₂	* 30.9-27.9- 41.2	2588
950	SrCl ₂ -SrO	72	3110
954	CaF ₂ -MgF ₂	43	86, 567, 568, 1249

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
955	$\text{Na}_2\text{SO}_4\text{-SrSO}_4$	61.24	2703
960	$\text{BaO-Li}_2\text{O-SiO}_2$	12.0-21.5- 66.5	3007
960	$\text{BaSiO}_3\text{-Li}_2\text{SiO}_3$	55	1657, 1789
960-970	$\text{Cu}_2\text{S-FeS}$	* 26.1	2382, 2544
961	$\text{Na}_3\text{AlF}_6\text{-Al}_2\text{O}_3$	* 80.5	1205, 1375, 1833, 3663
962	$\text{Na}_3\text{AlF}_6\text{-Al}_2\text{O}_3$	* 81.4	3663
962	$\text{SrCl}_2\text{-SrF}_2$	37	1778, 2242
967	NaF-TiO_2	79	1034
970 $\pm$ 20	$\text{Al}_2\text{O}_3\text{-FeO-SiO}_2$	* 8.7-43.1- 48.1	2546
970	$\text{BaO-Li}_2\text{O-SiO}_2$	26.0-24.0- 50.0	3007
970 $\pm$ 1	$\text{CaO-P}_2\text{O}_5$	* 52.4 $\pm$.1	2608
970	$\text{K}_2\text{SO}_4\text{-SrSO}_4$	61.25	2703
970	$\text{Na}_3\text{AlF}_6\text{-TiO}_2$	90.2	2379, 2380
971	$\text{Na}_3\text{AlF}_6\text{-CdO}$	90.4	2379, 2380
971	$\text{Na}_3\text{AlF}_6\text{-ZrO}_2$	86	2399
974	$\text{Na}_3\text{AlF}_6\text{-ZnO}$	92.8	2379, 2380
975	$\text{KF-MgF}_2\text{-NaF}$	13.5-53.5- 33.0	2305
980	KF-ThF_4	22	1107, 2632
980	NaF-PbTiO_3	99	2237
984	$\text{Li}_2\text{TiO}_3\text{-Na}_2\text{TiO}_3$	16	1089, 1237
985 $\pm$ 20	$\text{Al}_2\text{O}_3\text{-K}_2\text{O-SiO}_2$	* 7.-6.6-86.4	2559, 2611
985	$\text{Na}_2\text{O-TiO}_2$	33	2264
987	$\text{MgF}_2\text{-NaF}$	36	2292, 2305
990 $\pm$ 20	$\text{Al}_2\text{O}_3\text{-K}_2\text{O-SiO}_2$	* 6.8-6.8-86.4	2559, 2611

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
992	$\text{Li}_2\text{TiO}_3\text{-Na}_2\text{TiO}_3$	18.5	1089, 1237
995	$\text{Cu}_2\text{S-FeS}$	* (21-20.6)	2544
995	$\text{PbSO}_4\text{-PbWO}_4$	50	1088, 1632
998	$\text{B}_2\text{O}_3\text{-ZnO}$	* 35.5	2605
1000	$\text{MgF}_2\text{-NaF}$	36	2292
1000	$\text{K}_2\text{SO}_4\text{-PbO}$	99	82
1008	KF-MgF_2	31	2305, 2333, 2896
1015	$\text{BaSO}_4\text{-K}_2\text{SO}_4$	33.23	2412, 2700
1016	$\text{BaSO}_4\text{-K}_2\text{SO}_4$	17.6	2412, 2700
1020	FeO-MnS	55	2752
1021	$\text{Li}_4\text{SiO}_4\text{-ZrSiO}_4$	70	2906
1022 m	$\text{BaF}_2\text{-CaF}_2$	50	171, 1655, 3668
1022	$\text{Na}_2\text{O-SiO}_2$	56.12	1615, 3275
1024	$\text{CaSiO}_3\text{-Li}_2\text{SiO}_3$	45.5	1789
1030	$\text{Na}_2\text{O-TiO}_2$	50	2264
1046	CsCl-VC1_2	34	1289
1050 $\pm$ 5	$\text{Al}_2\text{O}_3\text{-Na}_2\text{O-SiO}_2$	* 8.4-8.0-83.5	2612
1054	$\text{CaF}_2\text{-KF}$	54.4	171, 1392, 2031, 2033, 2918, 3673
1060	$\text{CaF}_2\text{-KF}$	62.5	171, 1392, 2031, 2033, 2918, 3673
1060 $\pm$ 10	$\text{Cu}_2\text{O-SiO}_2$	* ~ 3.5	2238
1062 $\pm$ 3	$\text{Al}_2\text{O}_3\text{-Na}_2\text{O-SiO}_2$	* 33.3-33.3- 33.3	2612
1063 $\pm$ 5	$\text{Al}_2\text{O}_3\text{-Na}_2\text{O SiO}_2$	* 15.6-14.7- 69.6	2612
1068 $\pm$ 5	$\text{Al}_2\text{O}_3\text{-Na}_2\text{O-SiO}_2$	* 15.3-15.3- 69.4	2612
1070	CuO-SiO_2	* 5.4	2238

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
1072 $\pm$ 10	P ₂ O ₅ -SiO ₂	46.42	3046
1075	BaF ₂ -BaSiO ₃	58	1657
1080	B ₂ O ₃ -CoO	* 29	2408
1084	KF-NiF ₂	34.5	1743
1090	Ta ₂ O ₅ -K ₂ CO ₃	32.3	2503
1096 $\pm$ 10	P ₂ O ₅ -SiO ₂	40	3046
1108 $\pm$ 3	Al ₂ O ₃ -Na ₂ O-SiO ₂	* 13.4-12.3- 74.3	2612
1111	Ca ₃ (PO ₄) ₂ -Mg ₃ (PO ₄) ₂	* 30.3	1531
1115 $\pm$ 3	GeO ₂ -Li ₂ O	40	2693
1120	CaO-FeO	30	2720
1120	MnSiO ₃ -MnTiO ₃	77.7	2929
1128	CaF ₂ -CaSiO ₃	53	568, 3063
1128	Na ₂ O-TiO ₂	25	2264
1130	CaF ₂ -CaSiO ₃	48	568, 3063
1132	B ₂ O ₃ -CaO	* 43.1	1206, 2595
1150	BaO-CaO-SiO ₂	* 19.1-19.9- 61.0	3189
1150	Nb ₂ O ₅ -K ₂ CO ₃	65	2502
1165	FeS-MnS	90	2752
1175	Cu ₂ O-MgO	20	3217
1183	CaF ₂ -CaO-P ₂ O ₅	* 62-31-69	2014
1190	BaO-CaO-SiO ₂	* 20.1-19.4- 60.5	3189
1192	MgF ₂ -MgO-SiO ₃	82-14-4	3361
1201	Ba ₃ (PO ₄) ₂ -Ca ₃ (PO ₄) ₂	55.7	2025
1203	CaF ₂ -Ca ₃ (PO ₄) ₂	* 87.6	2013
1205 $\pm$ 5	Al ₂ O ₃ -CaO-Fe ₂ O ₃	* 12.8-50.1- 37.1	2518, 2590

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
1205	B ₂ O ₃ -CoO	* 15.4	2408
1210	BaO-CaO-SiO ₂	* 26.2-16.4- 57.3	3189
1212	Al ₂ O ₃ -P ₂ O ₅	* 35.1	2547
1214	MgF ₂ -MgO	91	3361
1215	MgF ₂ -MgO-SiO ₂	85-10-5	3361
1230	MnO-MnS	45	2752
1235	BaO-CaO-SiO ₂	* 29.8-17.9- 52.3	3189
1245	BaO-SiO ₂ -TiO ₂	15-70-15	2548
1246	BaO-SiO ₂ -TiO ₂	18.5-63-18.5	2548
1251	MnO-SiO ₂	* 57.6	1478
1255	BaO-CaO-SiO ₂	* 28.9-23.7- 47.3	3189
1260	Al ₂ O ₃ -CaO-P ₂ O ₅	* 4.6-57.5-37.8	2547
1260	BaO-SiO ₂ -TiO ₂	34.5-29-34.5	2548
1285	Nb ₂ O ₅ -ZnO	32	778
1286	MgO-P ₂ O ₅ -SiO ₂	43-39-18	3662
1287	MgO-P ₂ O ₅ -SiO ₂	47-38-15	3662
1291	B ₂ O ₃ -CaO	* 31.2	1206, 2595
1300	CaO-SiO ₂ -TiO ₂ -ZrO ₂	* 34.-52.9-7.9- 5.1	3034
1300	Nb ₂ O ₅ -ZnO	20	778
1305	Al ₂ O ₃ -FeO	* 2.8	3094, 1305
1305	BaO-TiO ₂	32	2955, 3307
1305	FeO-TiO ₂	* 95.5	2765
1310	BaO-TiO ₂	35	2955, 3307
1313	B ₂ O ₃ -MgO	* 29.8	2554
1315 ± 5	Al ₂ O ₃ -CaO-Fe ₂ O ₃	* 30.4-62.3-7.3	2518, 2590
1317	MnO-SiO ₂	* 71.1	1478

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
1318 $\pm$ 4	CaO-SiO ₂ -TiO ₂	* 36.2-50.4- 13.4	2330
1320	FeO-TiO ₂	* 60.6	2765
1330	FeO-TiO ₂	* 34.4	2765
1335 $\pm$ 5	Al ₂ O ₃ -CaO-Fe ₂ O ₃	* 28.3-65-6.6	2518, 2590
1335 $\pm$ 5	Al ₂ O ₃ -CaO-Fe ₂ O ₃	* 31.8-63.4-4.7	2518, 2590
1340 $\pm$ 10	Al ₂ O ₃ -CaO-Na ₂ O-SiO ₂	* 23.6-55.8- 8.8-11.7	2578
1344 $\pm$ 5	Al ₂ O ₃ -CaO-Fe ₂ O ₃ -Na ₂ O	* 25.7-60.2- 8.2-5.8	2351
1345 $\pm$ 5	Al ₂ O ₃ -CaO-MgO	* 28.2-61.3- 10.5	2527
1345 $\pm$ 5	Al ₂ O ₃ -CaO-MgO	* 35.9-52.3- 11.7	2527
1355 $\pm$ 10	Al ₂ O ₃ -CaO-Na ₂ O-SiO ₂	* 10.4-57.8- 11.-20.7	2578
1358	B ₂ O ₃ -MgO	* 18.4	2554
1360	CaF ₂ -CaO	76.5	1202
1365	Nb ₂ O ₅ -ZnO	60	778
1374	BaO-SiO ₂	* 25.8	1407, 3454
~1390	Al ₂ O ₃ -CaO	* ~35.5	{ 569, 1694, 2260, 2611, 2616, 2617, 2618, 3218
~1395	Al ₂ O ₃ -CaO	* ~38	
1395 $\pm$ 5	Al ₂ O ₃ -CaO-Fe ₂ O ₃	* 12.5-74.8- 12.7	2518, 2590
1405 $\pm$ 10	Al ₂ O ₃ -CaO-Na ₂ O-SiO ₂	* 15.5-46.- 15.4-23.1	2578
1405	BeO-CaO	55	2579, 3132
1420 m	CaSiO ₃ -CaTiO ₃	66.6	2929

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
1425	$\text{Al}_2\text{O}_3\text{-CaO-K}_2\text{O}$	* 33.8-62.4- 3.7	2618
1430	$\text{Al}_2\text{O}_3\text{-CaO-K}_2\text{O}$	* 42.3-53.6- 4.1	2618
1432	$\text{SiO}_2\text{-ZnO}$	50.9	2572
1435	$\text{Nb}_2\text{O}_5\text{-ZrO}_2$	75	2593
1436	CaO-SiO_2	38.7	569, 1191, 1407, 2476, 3454
1437	BaO-SiO_2	* 42.1	1407, 3454
1450 $\pm$ 5	$\text{Al}_2\text{O}_3\text{-CaO-K}_2\text{O}$	* 38.8-57.1-4.	2618
1455	BaO-TiO_2	18	2955, 3307
1455	CaO-SiO_2	56.3	569, 1191, 1407, 2476, 3454
1460	$\text{B}_2\text{O}_3\text{-CaO}$	* 22.9	1206, 2595
1460 $\pm$ 5	CaO-TiO_2	* 22.6	1810, 2330, 2587
1465	$\text{Nb}_2\text{O}_5\text{-TiO}_2$	62	2593
1467	$\text{Nb}_2\text{O}_5\text{-TiO}_2$	79	2593
1470	MgO-MnO-SiO_2	* 29.3-18.4- 52.2	1478
1475	CaO-TiO_2	* 2.5	2587
1475 $\pm$ 10	$\text{Al}_2\text{O}_3\text{-Na}_2\text{O-SiO}_2$	* 31.1-25.7- 43.2	2612
1475	BeO-CaO	64	2579, 3132
1475	$\text{Nb}_2\text{O}_5\text{-TiO}_2$	42	2593
1500	$\text{SiO}_2\text{-TiO}_2\text{-ZrO}_2$	* (90.9-91.2)- 7.8-(1.26-1)	1907
1507	$\text{SiO}_2\text{-ZnO}$	22.5	2572
1536	MgO-MnO-SiO_2	* 41.5-3.7- 54.8	1478
1538	MgO-MnO-SiO_2	* 34.8-27.3- 37.9	1478

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
1540 $\pm$ 10	SiO ₂ -TiO ₂	* 91.9	1489, 2330, 2596, 2894, 3034
1543	Al ₂ O ₃ -CaO-MgO-SiO ₂	7.65-25.0- 17.35-50.0	569
1543 $\pm$ 2	SiO ₂ -MgSiO ₃	* 19.3	2315
1546 $\pm$ 3	Cr ₂ O ₃ -MgO-SiO ₂	* .3-44.2-55.5	1868
1550	CaF ₂ -CaO-P ₂ O ₅	* 1.9-75.7-22.4	2014
1551	BaO-SiO ₂	* 53.3	1407, 3454
1553 $\pm$ 5	Al ₂ O ₃ -K ₂ O-SiO ₂	* 23.2-17.8-59	2559, 2611
1560	CaF ₂ -CaO-P ₂ O ₅	* 5.2-74.8-19.9	2014
1572 $\pm$ 5	Al ₂ O ₃ -BeO-TiO ₂	* 20-40.1- 39.9	2589
1580 $\pm$ 5	Al ₂ O ₃ -BeO-TiO ₂	* 33.3-33.3- 33.3	2589
1580	Al ₂ O ₃ -TiO ₂ -ZrO ₂	* 15.9-67.9- 16.1	1784
1583	MgO-TiO ₂	56	2586
1585 $\pm$ 10	Al ₂ O ₃ -SiO ₂	* 3.3	1191, 1407, 2611
1585	BaO-TiO ₂	12.5	2955, 3307
1585	BaO-TiO ₂	56	2955, 3307
1585 m	BaTiO ₃ -SrTiO ₃	97.5	2550
1588 $\pm$ 5	Al ₂ O ₃ -K ₂ O-SiO ₂	* 21.3-15.7- 62.9	2559, 2611
~ 1590	Al ₂ O ₃ -CaO	* ~ 52	569, 1694, 2260, 2611, 2616, 2617, 2618, 3218
1590	Al ₂ O ₃ -TiO ₂ -ZrO ₂	* 21.5-43.7- 34.8	1784
1592	MgO-TiO ₂	44	2586
1606	MgO-TiO ₂	14	2586
1610	Al ₂ O ₃ -TiO ₂ -ZrO ₂	* 43.6-18.6- 37.8	1784

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
1615 $\pm$ 10	Al ₂ O ₃ -K ₂ O-SiO ₂	* 19.9-19.8- 60.3	2559, 2611
1620	CaF ₂ -Ca ₃ (PO ₄) ₂	* 10.8	2013
1640	Al ₂ O ₃ -BeO-MgO	* 11.1-44.3- 44.7	2579
1660	Al ₂ O ₃ -BaO	* 21	3187
1660	Sc ₂ O ₃ -SiO ₂	31.7	3564
1669	BeO-MgO-ZrO ₂	41.7-33.3- 25.0	2585
1670	BeO-MgO	40	3132, 3217
1670 $\pm$ 3	BeO-TiO ₂	36	1969, 2589
1675	BeO-TiO ₂	30	1969, 2589
1680 $\pm$ 10	Al ₂ O ₃ -K ₂ O-SiO ₂	* 29.8-23.4- 46.8	2559, 2611
1695 $\pm$ 5	CaO-TiO ₂	* 69.1	1810, 2330, 2587
1705 $\pm$ 5	Al ₂ O ₃ -TiO ₂	* 16.4	2589, 2596
1707	MgO-TiO ₂	79	2586
1710	Al ₂ O ₃ -BaO	* 30.3	3187
1715	Al ₂ O ₃ -TiO ₂	* 12.1	2596
~1725	Al ₂ O ₃ -CaO	* ~64	569, 1694, 2260, 569, 1694, 2260, 2611, 2616, 2617, 2618, 3218
1725	CaO-TiO ₂	* 77.1	2587
1750	Al ₂ O ₃ -BeO-ZrO ₂	25-50-25	2579
1755 $\pm$ 10	Al ₂ O ₃ -BeO-TiO ₂	* 58.3-20.9- 20.7	2589
1770	Sc ₂ O ₃ -SiO ₂	45	3564
1790	Al ₂ O ₃ -BaO	* 64.8	3187
1795	Al ₂ O ₃ -BeO-ThO ₂	28.6-57.1- 14.3	2579

* Data recalculated from units as given in original reference.

Eutectic M.P., °C	System	Composition mol %	Reference No.
1797	BeO-MgO-ThO ₂	62.5-31.3-6.2	2585
1810	Al ₂ O ₃ -BeO-ThO ₂	44.45-44.45- 11.1	2579
1835 ± 10	Al ₂ O ₃ -BeO	* 42.3	2579, 2589
1840 ± 10	Al ₂ O ₃ -TiO ₂	* 55.6	2589, 2596
1850	Al ₂ O ₃ -TiO ₂	* 56.1	2596
1850 ± 10	Al ₂ O ₃ -BeO	* 59.9	2579, 2589
1850 ± 10	Cr ₂ O ₃ -MgO-SiO ₂	* 3-68.5-31.2	1868
1850 ± 20	MgO-Mg ₂ SiO ₄	* < 36.2	2315
1850	Sc ₂ O ₃ -SiO ₂	55	3564
1880	Al ₂ O ₃ -BeO	* 60.1	2579
1885	Al ₂ O ₃ -ZrO ₂	50	2579
1865	Al ₂ O ₃ -BeO	* 39.8	2579
1890	Al ₂ O ₃ -BaO	* 88	3187
1890 ± 10	Al ₂ O ₃ -BeO	* 79.9	2579, 2589
1910	Al ₂ O ₃ -ThO ₂	* 80	2579
1935	MgO-SrO	52	3217
1955	BeO-MgO	60	3132, 3217
2030 ± 20	Al ₂ O ₃ -MgO	* 32.5	2527
2065	CaO-SiO ₂	69.1	569, 1191, 1407, 2476, 3454
2180	BeO-ZrO ₂	(40-45)	3130
2200	BeO-ThO ₂	* 72.5	2579
2240	CeO ₂ -MgO	30	3217
2270	CaO-ZrO ₂	70	3133
2280-2360	CaO-MgO	(55-59)	2527, 2615, 3132, 3217
2300	CaO-ZrO ₂	40	3133

* Data recalculated from units as given in original reference.

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INDEX

USE OF THE INDEX

In the coordinate index, the system components are listed in alphabetical formula order. To employ a computer in preparing the index, it was necessary to accept some innovations to the usual order and manner of writing the formulas.

The salts of a given metal are presented in the order of the mono-metal salts followed by the di-metal, tri-metal and tetra-metal salts. Thus the following salts of potassium would appear in an order such as: KBr, KCl, KVO_3 , K_2SO_4 , K_2TiO_6 , K_3BO_3 , K_3PO_4 , $\text{K}_4\text{P}_2\text{O}_7$.

In the formulas, each letter following a space or a digit is a capital. A letter following a capital is to be regarded as a small letter. Thus C O would represent carbon and oxygen whereas CO would represent cobalt.

This convention would not apply to radicals, but it is assumed that the radicals here employed would be readily recognized by any who might use these data.

In cases in which parentheses are needed in a formula, it was necessary to omit the first parenthesis. Thus $\text{Fe}_2(\text{SO}_4)_3$ is written FE2SO4)3 and $(\text{NH}_4)_2\text{MoO}_4$ is written NH4)2MOO4 .

The index is set up in two identical halves, to facilitate the location of systems. To determine if a specific mixture is included in the report, it is merely necessary to note the pages on which each component appears. For example in the system CdBr_2 - KBr - PbBr_2 the components are found on the pages listed below.

CdBr_2 (26), (58), (59), 61, (64).

KBr (26), 47, (58), (59), 60, 63, (64).

PbBr_2 (26), 47, (58), (59), 60, 61, (64).

Pages 26, 58, 59 and 64 have the components sought. While the components appear on pages 26 and 64, they are not associated in a common system, but on pages 58 and 59 the system CdBr_2 - KBr - PbBr_2 is found.

AG BR	58, 61, 62, 63, 64
AG CL	3, 6, 18, 19, 27 28, 29, 32
AG CN	105
AG F	46
AG I	27, 61, 65
AG NO3	28, 62, 68
AG2CRO4	32, 96, 97
AG2MOO4	76, 77, 99
AG2S	32, 94
AG2SO4	29, 73, 76
AG2WO4	32, 103
AL BR3	26, 58
AL CL3	3, 6, 12, 14, 19 26
AL F3	23, 25, 37, 38, 41 43, 45
AL2O3	52, 55, 79, 80, 81 82

AG BR	58, 61, 62, 63, 64
AG CL	3, 6, 18, 19, 27 28, 29, 32
AG CN	105
AG F	46
AG I	27, 61, 65
AG NO3	28, 62, 68
AG2CRO4	32, 96, 97
AG2MOO4	76, 77, 99
AG2S	32, 94
AG2SO4	29, 73, 76
AG2WO4	32, 103
AL BR3	26, 58
AL CL3	3, 6, 12, 14, 19 26
AL F3	23, 25, 37, 38, 41 43, 45
AL2O3	52, 55, 79, 80, 81 82

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