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Physical Properties Data Compilations Relevant to Energy Storage.

I. Molten Salts: Eutectic Data

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16. ABSTRACT *(A 200-word or less factual summary of most significant information. If document includes a significant bibliography or literature survey, mention it here.)*

The present compilation provides an authoritative compendium of melting points, and compositions of molten salt eutectic mixtures. Data for mixtures melting in the range - 138°C to 2800°C are reported. Value judgments have not been attempted. Titles of the articles in the literature citations and a system index are included for approximately 6000 eutectic entries.

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Data compilation; eutectic; eutectic composition; eutectic data; eutectic temperature; inorganic compound; melting point; molten salt; phase diagrams

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Foreword

The National Standard Reference Data System provides access to the quantitative data of physical science, critically evaluated and compiled for convenience and readily accessible through a variety of distribution channels. The System was established in 1963 by action of the President's Office of Science and Technology and the Federal Council for Science and Technology, and responsibility to administer it was assigned to the National Bureau of Standards.

NSRDS receives advice and planning assistance from a Review Committee of the National Research Council of the National Academy of Sciences-National Academy of Engineering. A number of Advisory Panels, each concerned with a single technical area, meet regularly to examine major portions of the program, assign relative priorities, and identify specific key problems in need of further attention. For selected specific topics, the Advisory Panels sponsor subpanels which make detailed studies of users' needs, the present state of knowledge, and existing data resources as a basis for recommending one or more data compilation activities. This assembly of advisory services contributes greatly to the guidance of NSRDS activities.

The System now includes a complex of data centers and other activities in academic institutions and other laboratories. Components of the NSRDS produce compilations of critically evaluated data, reviews of the state of quantitative knowledge in specialized areas, and computations of useful functions derived from standard reference data. The centers and projects also establish criteria for evaluation and compilation of data and recommend improvements in experimental techniques. They are normally associated with research in the relevant field.

The technical scope of NSRDS is indicated by the categories of projects active or being planned: nuclear properties, atomic and molecular properties, solid state properties, thermodynamic and transport properties, chemical kinetics, and colloid and surface properties.

Reliable data on the properties of matter and materials are a major foundation of scientific and technical progress. Such important activities as basic scientific research, industrial quality control, development of new materials for building and other technologies, measuring and correcting environmental pollution depend on quality reference data. In NSRDS, the Bureau's responsibility to support American science, industry, and commerce is vitally fulfilled.

E. Ambler.

ERNEST AMBLER, *Director*

Preface

This series of publications is aimed at providing physical properties data on materials used in energy storage systems. It was inspired by a requirement in the Department of Energy's Division of Energy Storage Systems for materials property data needed by its contractors in the timely development of energy storage devices. As prime contractor for this program, the Lawrence Livermore Laboratory (LLL) has requested the Office of Standard Reference Data (OSRD) to manage the task of gathering the data, using its established network of data centers and other identified sources of expertise. The OSRD monitors the progress of work, reviews the results, and conveys the numerical data to LLL where the data are converted for entry into an automated data storage and retrieval system. Every effort is made to supply data which have been critically examined in light of the latest knowledge concerning theory and experiment. However it must be recognized that in a rapidly moving technology some of the data will be superseded rather quickly as new materials and techniques are introduced. Thus access to the data via computer terminal as well as publication in this series should help provide the practitioner with timely and useful data which he requires to solve his problems in energy storage.

Contents

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The present compilation provides an authoritative compendium of melting points, and compositions of molten salt eutectic mixtures. Data for mixtures melting in the range −138°C to 2800°C are reported. Value judgments have not been attempted. Titles of the articles in the literature citations and a system index are included for approximately 6000 eutectic entries.

Key words: Data compilation; eutectic; eutectic composition; eutectic data; eutectic temperature; inorganic compound; melting point; molten salt; phase diagrams.

Introduction

An analysis of energy-related research and development programs shows the emergence of thermal energy storage, advanced batteries, and coal gasification as well-defined areas in the past decade. The potential of inorganic compounds and their mixtures in these technologies is receiving consideration from various practical viewpoints, for example, the relatively large latent enthalpies that accompany the process of melting have directed consideration of such materials in the design of a series of "second-generation" thermal energy storage subsystems of considerably greater capacity than the systems utilizing the storage capacity of fluids (such as water) and rocks. As molten salts, the features of large liquid state ranges, low vapor pressures, high electrical conductivities, and good viscosities are important considerations relative to diverse applications, such as heat transfer fluids, solvents, reaction media, and as molten electrolytes.

While the accumulated store of information on molten salts is considerable, and while several authoritative molten salts treatises have appeared in the past two decades [1–7] [1] a basic difficulty to the potential utilization of such materials is the diversity of the information sources.

The present communication reports the results of a compilation of data for eutectic systems (melting points; compositions), undertaken to provide an authoritative reference for such systems. A partial list of some of the more useful compilations of phase diagrams would include International Critical Tables [8], Landolt-Bornstein [9] Clark [10], Robertson [11], Thoma [12], Voskresenskaya [13], Sinistri et al. [14], Shaffer [15], Franzozini et al. [16], Torapov et al. [17], and Levin et al. [18]. Such sources, as well as the primary resarch literature, were used to develop the summary reported here.

In the compilation of eutectic data, a listing by increasing melting temperatures has been adopted. The temperature range covered is from −138°C to 2800°C. The composition data are reported as mole percent. Value judgments have not been attempted, and where two or more sets of results were reported, these are listed as individual entries. While it was the intent to limit this compilation to inorganics, some organic compounds appeared particularly relevant and these have been included. To enable the location of the data entries by the materials (i.e., salts), both a systems index and a compound index were developed and are included. In the citation of the primary literature, titles have been generally included as part of the bibliography as a further aid on the matter of data origin.

It should be noted that this compilation is an effort to provide an authoritative and comprehensive collection of eutectic data to June 1976. Considerations of safety and hazards, and corrosion and containment are important factors, but fall outside the scope of the present communication. An assessment of these factors for inorganic compounds and their mixtures as molten salts has been completed and has been published elsewhere [19].

[1] Figures in brackets indicate literature references for the introduction.

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Eutectic Data

Table 1 reports data on inorganic eutectics current to June 1976. Also included are systems which form a series of solid solutions with minimum melting point; some solid solutions systems with no minimum melting point are included to provide reference to a system which may be under consideration. Some organic systems are also included, notably the formates and acetates, but coverage is not as complete as for the inorganic systems.

The table is arranged in order of increasing melting point; systems which have no eutectic melting point, e.g. solid solutions without minimum, are listed at the end of the table. It should be kept in mind that a specific eutectic for a given system may not be the one with the lowest melting point. In order to locate the minimum melting eutectic for a given system (or to determine whether a given system forms a eutectic) reference must be made to the System Index.

No attempt at value judgments has been made in the course of this compilation. All available data are included even where conflicts are evident. The reader is left to establish his own "best" values for the eutectic information and the systems index should be useful for this task.

The comments column refers to the melting point column in degrees celsius. In addition several abbreviations have been used in the table and are listed herewith.

APP	approximate
NA	not available
MIN	minimum
LT	less than
GT	greater than

TABLE 1. Eutectic data

Locator number	System	Mol %	T, °C		References
1	BF_3–N_2O	76.6	−138.0 ±.25	575	
2	BF_3–SO_2	95.2	−128.6 ±.25	575	
3	BCl_3–$GeCl_4$	76	−116.0	2732	
4	BCl_3–PCl_3	94	−110.0	2179	
5	BCl_3–PCl_3	20	−99.0	2179	
6	BF_3–SO_2	38.	−97.1 ±.25	575	
7	$TiCl_4$–$VOCl_3$	29	−95.0	2008	
8	PCl_3–$TeCl_4$	100 APP	−91.0	2821	
9	$TiCl_4$–$VOCl_3$	18	−88.0	1240	
10	$TiCl_4$–$VOCl_3$	18.6	−88.0	659	
11	VCl_4–$VOCl_3$	27.8	−86.5	659	
12	NH_3–$NaBH_4$	94.7	−84.0	1287	
13	$CO(NH_2)_2$–NH_3	1.8	−81.5	2033	
14	$POCl_3$–$VOCl_3$	3	−80.8	1240	
15	BBr_3–$SiCl_4$	26.4	−80.0	971	
16	NH_3–$NH_4Br(NH_3)_4$	93	−80.0	1005	
17	NH_3–NH_4NO_3	96	−79.5	2033	
18	KNH_2–NH_3	99 APP	−78.8	961	
19	BBr_3–$GeCl_4$	40	−74.0	971	
20	$POCl_3$–$SiCl_4$	4 APP	−71.8	1240	
21	$SiCl_4$–WCl_6	100 APP	−70.0	2451	
22	$SiCl_4$–$TeCl_4$	99 APP	−68.0	3053	
23	$FeCl_3$–$GeCl_4$–$TeCl_4$	NA	−59.0 APP	2849	
24	BBr_3–$SiBr_4$	76	−57.5	971	
25	$AsBr_3$–S_2Br_2	13.5	−56.0	453	1081
26	$AsBr_5$–BBr_3	5.8	−54.1	342	
27	$GaCl_3$–$GeCl_4$	7 APP	−54.0	1874	
28	BBr_3–$GeBr_4$	80.9	−53.0	971	
29	BBr_3–$SnBr_4$	81.7	−52.5	342	
30	$GeCl_4$–$SnCl_4$	91 SER SOLID SOL	−51.3	2732	
31	$GeCl_4$–$TiCl_4$	96.7 SER SOLID SOL	−50.8	2732	
32	Si_2OCl_6–$TiCl_4$	42	−50.0	2008	
33	PbR_3–$SnBr_4$	84	−50.0	453	1081
34	CsF–HF	17.2	−49.5	566	
35	$SbCl_5$–$TiCl_4$	35	−47.5	1679	
36	S_2Br_2–$SnBr_4$	95.5	−47.5	1081	
37	$AlBr_3$–BBr_3	5.24	−46.1	342	
38	$POCl_3$–$SnCl_4$	5 APP	−33.8	2359	2555
39	$FeCl_3$–$SnCl_4$–$TeCl_4$	NA	−33.0 APP	2849	
40	$SnCl_4$–WCl_6	100 APP	−32.0	2451	
41	$AsBr_3$–Br_2	34	−31.5	1081	
42	$AlCl_3$–$SnCl_4$	.45 LT	−30.5 APP	2359	
43	$AsCl_3$–$SbCl_3$	97 APP	−30.0 APP	1279	
44	NH_3–$NaBH_4$	69	−28.0	1287	
45	NH_3–$NaBH_4$	56.6	−25.1	1287	
46	$GaCl_3$–$TiCl_4$	10 APP	−25.0	1874	
47	CCl_4–$GaCl_3$	92 APP	−24.0	1874	
48	$POCl_3$–$SbCl_5$–$TiCl_4$	NA	−24.0	1679	
49	$TiCl_4$–WCl_6	100 APP	−23.0	2451	
50	$Ba(BH_4)_2$–N_2H_4	13	−22.0	1253	
51	Br_2–N_2O_4	17	−18.0	1058	
52	$GeBr_4$–$POCl_3$	36 APP	−16.0	3083	
53	$AsCl_3$–$TeCl_4$	100 APP	−16.0	2821	
54	Br_2–$SbBr_3$	81.8	−15.5	1081	
55	$AlBr_3$–Br_2	21.4	−13.5	1081	
56	$POCl_3$–$ReOCl_4$	97	−10.0	2708	
57	$GaCl_3$–$SbCl_5$	18	−4.0	2676	
58	$GaCl_3$–$POCl_3$	10	−3.8	2202	

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C		References
59	$BeCl_2$–$POCl_3$	2.5	−3.0 APP	1389	
60	$NbCl_5$–$POCl_3$	4 APP	−2.4	1182	
61	$NbCl_5$–$POCl_3$–$TiCl_4$	3.75–92.5–3.75	−2.2	987	
62	$POCl_3$–$TiBr_4$	NA	−2.0	2970	
63	$POCl_3$–$TaCl_5$–$TiCl_4$	93.8–3.1–3.1	−1.7	987	
64	$POCl_3$–$TiCl_4$	3	−0.6	1240	
65	$AlCl_3$–$POCl_3$	3 LT	−0.2	1159	
66	$POCl_3$–$TeCl_4$	99 APP	−0.1	2691	
67	$POCl_3$–$SbCl_5$–$TiCl_4$	94.6–2.68–2.68	0.0	1679	
68	$POCl_3$–WCl_6	100 APP	1.0	2451	
69	$GaCl_3$–$POCl_3$	70	1.5	2202	
70	$SbCl_5$–WCl_6	100 APP	2.0	2451	
71	$POCl_3$–$TeCl_4$	98	3.0	2821	
72	$AsBr_3$–$SnBr_4$	45	3.5	453	1081
73	ICl–$TeCl_4$	80	10.0	2965	
74	ICl–$TaCl_5$	80	10.0	2965	
75	$POCl_3$–$TiBr_4$	NA	10.0	2970	
76	MoF_6–UF_6	78	13.7	2358	
77	SO_3–SeO_3	99.97	15.0	842	
78	$POCl_3$–$ReOCl_4$	20	16.0	2708	
79	ICl–$SeCl_4$	80	16.0	2965	
80	CsF–HF	29.1	16.9	566	
81	H_2O–KF	78	17.0	3222	
82	H_2O–NaCl–Na_2SO_4	89.9–8.9–1.2	18.0	3222	
83	$AlBr_3$–$SnBr_4$	23	20.0	1081	
84	$AlBr_3$–$SnBr_4$	26	20.0	453	
85	ICl–$NbCl_5$	92	21.0	2965	
86	$CaCl_2$–H_2O–$MgCl_2$	8.1–87.6–4.3	22.0	3222	
87	H_2O–K_2CO_3–Na_2CO_3	97.3–1.0–1.7	22.0	3222	
88	$AsBr_3$–PBr_5	82.5	23.5	453	1081
89	$Ca(NO_3)_2 \cdot 4H_2O$–$Zn(NO_3)_2 \cdot 6H_2O$	51	25.0	3221	
90	H_2O–K_2CO_3–Na_2CO_3	86.7–11.8–1.5	25.0	3222	
91	H_2O–$Ni(NO_3)_2$–NH_4NO_3	78.3–13.0–8.7	25.0	3222	
92	$CaCl_2$–H_2O–$MgCl_2$	10.3–86.8–2.9	25.0	3222	
93	$AlBr_3$–$AsBr_3$	26	25.5	453	1081
94	$SbBr_3$–$SnBr_4$	6	27.0	1081	
95	$AlBr_3$–$AsBr_3$	26	28.0	64	
96	$FeCl_3$–$ReOCl_4$	0 APP	29.0	2708	
97	$ReCl_5$–$ReOCl_4$	0 APP	29.0	2708	
98	$ReOCl_4$–$TaCl_5$	100 APP	29.0	2708	
99	$NbCl_5$–$ReOCl_4$	0 APP	29.0	2708	
100	$AlCl_3$–$ReOCl_4$	0 APP	29.0	2708	
101	$MoOCl_4$–$ReOCl_4$	0 APP	29.0	2708	
102	H_2O–$LiNO_3$	73.7	29.0	3222	
103	$GaCl_3$–$SeCl_4$	79 APP	30.0	1856	
104	$GaCl_3$–$ZnCl_2$	68 APP	30.0	1017	
105	$GaCl_3$–PCl_5	70 APP	30.0 APP	2648	
106	XeF_2–XeF_6	.5 APP	30.0 ±10	2952	
107	$Ca(NO_3)_2 \cdot 4H_2O$–$Mg(NO_3)_2 \cdot 6H_2O$	69	30.0	3221	
108	H_2O–K_2CO_3–Na_2CO_3	87.0–10.9–2.1	30.0	3222	
109	$Mg(NO_3)_2 \cdot 6H_2O$–$Zn(NO_3)_2 \cdot 6H_2O$	20	32.0	3221	
110	BiI_3–SiI_4	70	33.8 ±1	2127	
111	$CO(NH_2)_2$–$NaNO_3$–NH_4NO_3	51–8–41	35.0	2038	
112	$Al(NO_3)_3 \cdot 9H_2O$–$Ca(NO_3)_2 \cdot 4H_2O$	20	35.0	3221	

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C		References			
113	$CsF-HF$	36.1	38.3	566				
114	$SbCl_3-SbI_3$	81.8	41.5	1918				
115	$CaCl_2-H_2O-MgCl_2$	15.8–83.0–1.2	42.0	3222				
116	$CO(NH_2)_2-KNO_3-NH_4NO_3$	48–5–47	43.0	2038				
117	$RbCl-SbCl_3$	15	44.0	1133				
118	$CO(NH_2)_2-NH_4Cl-NH_4NO_3$	52.1–3.8–44	44.0	1746				
119	$Ba(BH_4)_2-N_2H_4$	41.9	44.0	1253				
120	$CO(NH_2)_2-NH_4NO_3$	59.6	44.5	2033				
121	$GaCl_3-TeCl_4$	80 APP	45.0	1856				
122	$GaCl_3-SbCl_3$	73.0	46.4	2621				
123	SbF_5-XeF_2	62.5	50.0	2283				
124	$CO(NH_2)_2-KI-NaI$	79–3–18	50.0	1477				
125	$AlCl_3-GaCl_2-GaCl_3$	12–38–50	50.0	2629				
126	$AlCl_3-BaCl_2-NaCl$	63.5–2.5–34	50.0	3034				
127	$GaCl_3-SbCl_3$	33.2	50.6	2621				
128	$CdCl_2-GaCl_3$	5 APP	52.0	1017				
129	$H_2O-Mg(NO_3)_2-NH_4NO_3$	66.9–10.8–22.3	52.0	3222				
130	$H_2O-Mg(NO_3)_2$	80.1	53.0	3222				
131	$AlBr_3-SbCl_3$	14.5	54.0	1080				
132	$GaCl_3-NaCl$	75	55.0	1231				
133	$CsCl-GaCl_3$	3	55.0	1016				
134	$GaCl_3-HgCl_2$	92	55.0	1017				
135	$SbBr_3-SbCl_3$	70 APP	55.0	1918				
136	$AlCl_3-NaI\cdot AlI_3$	45 APP	55.0	8397				
137	$KCHO_2-KCNS-KNO_3$	48.3–34.9–16.8	55.5	2712				
138	$GaCl_3-LiCl$	82	57.0	1016				
139	$KCl-SbCl_3$	24 APP	57.0 APP	1918				
140	$GaCl_3-NH_4Cl$	85 APP	58.0	1016				
141	$CO(NH_2)_2-NaI$	80.5	58.0	1100	1477			
142	$AlBr_3-SbCl_3$	75.8	59.0	1080				
143	$AlCl_3-HgBr_2$	42.2	59.0	1080				
144	$CO(NH_2)_2-NaI-NaNO_3$	80–18–2	59.0	1100				
145	$GaCl_3-KCl-MgCl_2$	89–3–3	59.0	2613				
146	$CuCl-GaCl_3$	5.2	60.0	905				
147	$AlBr_3-InBr_3$	90	60.0	2888				
148	$GaBr_3-SbBr_3$	46	60.8 METASTABLE	2621				
149	$Al(NO_3)_3\cdot 9H_2O-Mg(NO_3)_2\cdot 6H_2O$	38	61.0	3221				
150	$GaCl_3-NaCl$	97	62.0	905				
151	SbF_5-XeF_2	80.5	63.0	2283				
152	$GaCl_3-KCl-MgCl_2$	92–3–5	64.0	2613				
153	$BeCl_2-GaCl_3$	5.7	64.5	1290				
154	$GaCl_3-KCl$	84	65.0	1016				
155	$CO(NH_2)_2-KBr-NaBr$	79–1.5–19.5	65.0	1477				
156	$CO(NH_2)_2-NaBr$	79.5	66.0	1100	1477			
157	$SeCl_4-SbCl_3$	6	66.0	2619				
158	$GaCl_2-GaCl_3$	41	66.0	2629				
159	$GaCl_3-MoCl_5$	93 APP	67.0	2110				
160	$CO(NH_2)_2-Sr(NO_3)_2$	85	67.0	1749				
161	$CsCl-SbCl_3$	7.5	68.0	1133				
162	$CsNO_3-Pb(NO_3)_2$	68	68.0	1082				
163	$Ba(NO_3)_2-CO(NH_2)_2-LiNO_3$	1–83–16	68.0	993				
164	$Ba(NO_3)_2-CO(NH_2)_2-NaNO_3$	4–78.5–17.5	68.0	993				
165	$GaBr_3-SbBr_3$	37.2	68.2	2621				
166	$AlCl_3-GaCl_2-GaCl_3$	14–49–37	69.0	2629				
167	$AlCl_3-KCl-NaCl$	66–14–20	70.0	34	44	79	80	688
168	$AlCl_3-MoCl_5-NaCl$	63–4–33	70.0 ±3	912				
169	$GaCl_3-KCl$	82.5	70.0 APP	2373				

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C		References
170	$AlCl_3$–$SbCl_3$	7.5	70.0	1918	
171	$Cd(NO_3)_2$–$NaNO_3$–NH_4NO_3	44.1–.7–55.1	70.0	1031	
172	$AlCl_3$–$CsCl$–$GaCl_3$	NA	70.0	2724	
173	$BiCl_3$–$GaCl_3$	9	70.0	2964	
174	H_2O–LiI	71.2	70.0	3222	
175	$Cd(NO_3)_2$–$NaNO_3$–NH_4NO_3	33.6–2.4–64	71.0	1031	
176	$GaCl_3$–$HgCl_2$	60	72.0	1017	
177	$CO(NH_2)_2$–H_3PO_4	71.5	72.0	2226	
178	H_2O–KCl–$MgCl_2$–$MgSO_4$–NaCl	89.9–1.7–7.4–.4–.6	72.0	3222	
179	$AlBr_3$–$SbBr_3$	31	72.2	1918	
180	$GaBr_3$–$SbBr_3$	52.2	72.2	2621	
181	$SbCl_3$–WCl_6	100 APP	73.0	2054	
182	$SbCl_3$–$WOCl_4$	98.8	73.0	2054	
183	$AlBr_3$–$AlCl_3$	65	73.0	64	
184	$CO(NH_2)_2$–KNO_3–$NaNO_3$	70.7–7–22.3	73.0	2389	
185	$CsC_2H_3O_2$–$KC_2H_3O_2$–$LiC_2H_3O_2$	52.5–27.5–20	73.0	1464	
186	SbF_5–XeF_2	57.0	73.5	2283	
187	$GaCl_3$–$MgCl_2$	98.85	73.6	1290	
188	$AlCl_3$–$GaCl_3$	6	74.0	248	
189	$Cd(NO_3)_2$–NH_4NO_3	23.5	74.0	1031	
190	$AlCl_3$–$GaCl_3$	6	74.0	2629	
191	$AlCl_3$–$GaCl_3$	5.7	74.7	1341	
192	$FeCl_3$–$GaCl_3$	0.7	74.7	1296	
193	$AlBr_3$–$SbBr_3$	70.7	74.8	1918	
194	$AlCl_3$–$HfCl_4$–KCl	68.8–3.8–27.4	75.0	1124	
195	$GaCl_3$–$InCl_3$	98.7 APP	75.0 APP	1056	
196	$POCl_3$–$TiBr_4$	NA	75.0	2970	
197	$GaCl_3$–$InCl_3$	99.75	75.9	1341	
198	$AlCl_3$–$HfCl_4$–NaCl	60.5–1.6–38	76.0	1124	
199	AgCl–$GaCl_3$	6.1	76.0	905	
200	$BaCl_2$–$GaCl_3$	.75	76.0	1290	
201	$CoCl_2$–$GaCl_3$	0.3	76.0	2058	
202	$GaCl_3$–$MnCl_2$	99.7	76.0	2058	
203	AgI–$AgIO_3$–$AgNO_3$	47–18–35	76.0	1094	
204	$CO(NH_2)_2$–KNO_3–$NaNO_3$	NA	76.0	993	
205	$CO(NH_2)_2$–$LiNO_3$	83.5	76.0	993	1009
206	$CaCl_2$–$GaCl_3$	0.7	76.1	1290	
207	H_2O–LiI	37.2	77.0	3222	
208	$GaCl_3$–$NbCl_5$	100 APP	77.9 APP	2110	
209	$AlCl_3$–NaCl–$TaCl_5$	63.1–37.2–1.52	78.0	331	
210	$CO(NH_2)_2$–NaCl–$NaNO_3$	79–4–17	78.0	1106	
211	$LiNO_3$–NH_4NO_3	25.3 METASTABLE	79.5	3157	
212	$Ba(NO_3)_2$–$CO(NH_2)_2$–KNO_3	5.5–86–8.5	80.0	993	
213	$NaCl{\cdot}AlCl_3$–$NaI{\cdot}AlI_3$	60 APP	80.0	3237	
214	$GaBr_3$–RbBr	80	80.0	2809	
215	AgI–$AgNO_3$	55	80.0	3168	
216	$AgNO_3$–HgI_2	81	81.0 APP	1267	
217	S_2Cl_2–$SeCl_2$	100 APP	81.5	2639	
218	$AgNO_3$–$TlNO_3$	48.6	82.8	1943	
219	$AgNO_3$–$TlNO_3$	51.5	82.8	1943	
220	$AlBr_3$–RbBr	74	83.0	2470	
221	$CO(NH_2)_2$–$NaNO_3$	77.5	83.0	2389	
222	H_2O–KCl–$MgCl_2$–$MgSO_4$–NaCl	89.4–2.2–7.2–.4–.8	83.0	3222	
223	H_2O–SrI_2	85	83.0	3222	
224	S_2Cl_2–$TeCl_4$	100 APP	83.5	2639	
225	XeF_2–XeF_4	35 APP	83.5	2979	
226	BCl_3–$POCl_3$	50	83.8	795	
227	$NbCl_5$–$POCl_3$–$TiCl_4$	21.7–50–28.3	83.8	987	

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References					
228	$CO(NH_2)_2$–$NaNO_3$	77	84.0	993	1100				
229	$AlCl_3$–$GaCl_2$	30	84.0	2629					
230	$SbBr_3$–$TeBr_4$	96	84.0	2841					
231	$SbBr_3$–SbI_3	85	84.5 ±.5	1918					
232	$AlCl_3$–KCl–LiCl	56–7–37	84.5 ±0.5	2975					
233	$POCl_3$–$TaCl_5$–$TiCl_4$	50–21–29	86.0	987					
234	$AlCl_3$–$SbBr_3$	8.4	86.0	1080					
235	$GaBr_3$–$HgBr_2$	67	86.0	2911					
236	XeF_2–XeF_4	62 APP	87.0	2979					
237	AgI–Ag_2SO_4–Tl_2SO_4	53%SO4,97%AG	87.0	3117					
238	$NbCl_5$–$POCl_3$–$TiCl_4$	11.1–70–25.9	87.8	987					
239	$AlCl_3$–$FeCl_3$–$MoCl_5$	NA	88.0	896					
240	$AlBr_3$–KBr	74	88.0	40	270	688			
241	$CO(NH_2)_2$–KI	82.5	88.0	1477					
242	$GaCl_3$–KCl–$MgCl_2$	61–37–2	88.0	2613					
243	Ga–$GaBr_3$	20	88.0	3018					
244	$AlCl_3$–NaCl–$TeCl_4$	60–22–18	88.0	2834					
245	$AlCl_3$–KCl–NaCl	63.5–16.5–20	88.5 ±.5	34	44	79	80	688	
246	$NbCl_5$–$POCl_3$–$TiCl_4$	13.3–56.6–30.1	89.0	987					
247	$AlBr_3$–KBr	75	89.0	2265					
248	$Ca(NO_3)_2$–$CO(NH_2)_2$–KNO_3	8.5–88.7–2.8	89.0	2117					
249	$AlCl_3$–NaCl–WCl_6	58–40–2	90.0 ±2	1106					
250	AlI_3–NH_4I	57 APP	90.0 APP	2284					
251	$CO(NH_2)_2$–$H_4P_2O_7$	80	90.0	1799	2226				
252	$CsC_2H_3O_2$–$KC_2H_3O_2$–$NaC_2H_3O_2$	50–24–24	90.0	2568					
253	$LiNO_3$–NH_4NO_3	26.6	90.4	3157					
254	H_2O–$KAl(SO_4)_2$	91.6	91.0	3222					
255	$NbCl_5$–$POCl_3$–$TiCl_4$	27.1–57.6–15.3	91.2	987					
256	$Ba(NO_3)_2$–$CO(NH_2)_2$–$LiNO_3$	1–55–44	92.0	993					
257	$Ca(NO_3)_2$–$CO(NH_2)_2$	9.3	92.0	2109					
258	HF–XeF_2	NA	92.0	2789					
259	$CO(NH_2)_2$–$Ca(NO_3)_2$	81.9	92.0	3222					
260	$Ba(NO_3)_2$–$CO(NH_2)_2$–$LiNO_3$	1.0–55.0–44.0	92.0	3222					
261	$POCl_3$–$TaCl_5$–$TiCl_4$	54.5–9.1–36.4	92.4	987					
262	$AlCl_3$–KCl–NaCl	60–14–26	93.0	34	44	79	80	688	
263	$AlCl_3$–NaCl	66	93.0	27	34	44	45	78	80
				84	258	331	451	472	688
264	$AgNO_3$–HgI_2	58	93.0	1267					
265	$LiNO_2$–$Sr(NO_2)_2$–$TlNO_2$	24.5–6.4–69.1	93.0	1853					
266	$LiNO_2$–$TlNO_2$–$TlNO_3$	45–10–45	93.0	1974					
267	$CaCl_2$–H_2O–$MgCl_2$	16.7–80.0–2.3	93.0	3222					
268	$AlCl_3$–KCl–NaCl	62.13–12.7–25.17	94.0	34	44	79	80	688	
269	$LiNO_2$–$CsNO_2$–$Sr(NO_3)_2$	35.5–62.9–1.5	94.0	1899					
270	KNO_3–$LiNO_3$–$TlNO_3$	34–33–33	94.0	144					
271	$POCl_3$–$TiCl_4$	59	94.7	2555					
272	$AlCl_3$–$BeCl_2$	48	95.0 APP	1060					
273	$AlCl_3$–$POCl_3$–$TiCl_4$	8.5–65.3–26.2	95.0	967					
274	$AlBr_3$–NaBr	82	95.0	40	688				
275	$Cd(NO_3)_2$–$TlNO_3$	27.4	95.0	2181					
276	$CO(NH_2)_2$–$LiNO_3$	54.5	95.0	993	1009				
277	CsBr–$GaBr_3$	20	95.0	2809					
278	GaI_3–SbI_3	45	95.3 METASTABLE	2621					
279	$POCl_3$–$TaCl_5$–$TiCl_4$	64.2–7.5–28.3	96.0	987					
280	$POCl_3$–$TiCl_4$	58	96.0	1240					
281	$Ba(NO_3)_2$–$CO(NH_2)_2$	10.5	96.0	993					
282	$GaBr_3$–KBr	71	96.8	3018					
283	$AlCl_3$–NaCl–$NbCl_5$	61–37–2	97.0	331					
284	AlI_3–KI	69	97.0	1918					

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C		References
285	$CsNO_3$–KNO_3–$LiNO_3$	24–39–37	97.0	2275	
286	$AlCl_3$–$POCl_3$–$TiCl_4$	7.5–50–42.5	97.8	967	
287	$GaCl_3$–KCl	64	98.0	1016	
288	$POCl_3$–$SbCl_5$–$TiCl_4$	65.3–4.17–30.55	98.0	1679	
289	KNO_2–$LiNO_2$–$Sr(NO_2)_2$	61.2–36.7–2	98.0	2285	
290	AgI–$AgNO_3$–$NaNO_3$	59–40–1 APP	98.0	3115	
291	$AlCl_3$–$POCl_3$–$TiCl_4$	7.5–51.9–40.6	98.2	967	
292	$AlCl_3$–$NbOCl_3$	61.8	100.0	2565	
293	$AlCl_3$–$SeCl_4$	65.2	100.0	50	
294	AlI_3–KI	70 APP	100.0 APP	2284	
295	InI_3–KI	85	100.0	1970	
296	HgI_2–InI_3	75	100.0	1877	
297	$AgNO_3$–AgI	47.9	100.0	228	
298	$LiNO_2$–$TlNO_2$	25	100.0	1148	
299	$CO(NH_2)_2$–NH_4Cl	82.9	101.5	1746	
300	$AgNO_3$–NH_4NO_3	30 APP	101.5	3122	
301	$AlBr_3$–RbBr	78.5	102.0	2265	
302	$CsNO_2$–$LiNO_2$	60	102.0	1192	
303	KNO_3–$LiNO_2$	45	102.0	917	
304	$CO(NH_2)_2$–K_2CO_3	93	102.0	2149	
305	$CsNO_2$–$KC_2H_3O_2$–KNO_2	40.5–39.5–20	102.0	2908	
306	AgI–$AgNO_3$–$NaNO_3$	43.5–55–1.5	102.0	3115	
307	$AgNO_3$–NH_4NO_3	30.9	102.4	3123	
308	$POCl_3$–$TaCl_5$–$TiCl_4$	56.3–31–12.7	102.6	987	
309	$POCl_3$–$SbCl_5$–$TiCl_4$	51.2–2.33–46.51	102.7	1679	
310	$Cd(NO_3)_2$–KNO_3–$NaNO_3$	46–14.6–39.4	103.0	2152	
311	$AlCl_3$–$NaNbOCl_4$	78.6	104.0	2086	
312	$AlCl_3$–KBr	65.5	104.0	1080	
313	KNO_2–$LiNO_2$	59.3	104.0	1201	
314	$CsC_2H_3O_2$–$Zn(C_2H_3O_2)_2$	55	104.0	2957	
315	AlI_3–KI	67.5	105.0	2523	
316	$CsNO_2$–$LiNO_2$	39	105.0	1201	
317	$Ba(NO_2)_2$–KNO_2–$LiNO_2$	0.25–59.15–40.6	106.0	2116	
318	$KC_2H_3O_2$–KCNS–KNO_3	19.5–54.5–26.0	106.0	3236	
319	$AlCl_3$–NaCl–$WOCl_4$	60–40–0 APP	107.0	2467	
320	KNO_2–$LiNO_2$	60	107.0	2285	
321	$Ca(NO_3)_2$–$NaNO_3$–NH_4NO_3	9.8–13.6–76.6	107.5	684	
322	$AlCl_3$–$BiCl_3$–NaCl	58–12–30	108.0	2525	
323	$AlCl_3$–NaCl	61	108.0	34	45 688
324	$AlCl_3$–$TeCl_4$	62.5	108.0	50	
325	$AgNO_3$–HgI_2	43	108.0	1267	
326	$LiNO_2$–$RbNO_2$–$Sr(NO_2)_2$	47.4–47.4–5.3	108.0	1899	
327	KNO_2–$LiNO_3$	60	108.0	917	
328	$FeCl_3$–NaCl–$TeCl_4$	39.5–14.5–46.0	108.0	3021	
329	$CO(NH_2)_2$–KBr	88.5	109.0	1477	
330	$CsNO_2$–$LiNO_2$	59.4	109.0	1201	
331	$CO(NH_2)_2$–KNO_3	85	109.0	2389	
332	$FeCl_3$–KCl–LiCl	52–16–32	109.0 APP	2966	
333	$CsC_2H_3O_2$–$CsNO_2$–$KC_2H_3O_2$	29.5–35.5–35	109.0	2908	
334	$FeCl_3$–KCl–LiCl	51–17–32	109.5 ±0.5	2975	
335	$AgNO_3$–NH_4NO_3	50 APP	109.6	3122	
336	$AlCl_3$–$NbCl_5$–$TaCl_5$	69.8–17.2–13	110.0	658	
337	AlI_3–NH_4I	67 APP	110.0 APP	2284	
338	GaI_3–SiI_4	75	110.0	2289	
339	InI_3–SnI_2	80	110.0	1345	
340	$Ca(NO_3)_2$–NH_4NO_3	16.9	110.0	1952	
341	$CO(NH_2)_2$–KNO_3	84	110.0	993	
342	$AlCl_3$–AlI_3	40	110.0	2636	

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
343	$AlCl_3$–NaCl–$TeCl_4$	43–16.5–40.5	110.0	2834
344	AgI–$AgNO_3$–$NaNO_3$	26–73–1	110.0	3115
345	$POCl_3$–$SbCl_5$–$TiCl_4$	52.8–41.51–5.66	110.5	1679
346	$Ca(NO_3)_2$–NH_4NO_3	16.6	111.0	684
347	$Cd(NO_3)_2$–KNO_3–$LiNO_3$	11.3–61.2–27.5	111.0	512
348	$FeCl_3$–KCl–LiCl	50–17–33	111.0 APP	2966
349	$FeCl_3$–KCl–LiCl	50–17–33	111.5 ±0.5	2975
350	$AlCl_3$–NaCl	62	112.0	27 34 44 45 78 80 84 258 331 451 472 688
351	$CO(NH_2)_2$–NaCl	90	112.0	1100 1477
352	$CsNO_3$–CsOH	32.5	112.0	1467
353	AgCl–$AgNO_3$–KNO_3	2.8–59.5–37.7	113.0	376
354	$LiNO_2$–$RbNO_2$–$Sr(NO_2)_2$	28.7–68.7–2.6	113.0	1899
355	$CsNO_3$–$LiNO_2$	35	113.0	1192
356	$LiNO_3$–$RbNO_2$	30	113.0	1012
357	$AlCl_3$–$GaAlCl_4$	15	113.0	2629
358	CuCl–$FeCl_3$–$TeCl_4$	5–62–33	113.0	2918
359	AlI_3–SnI_4	40	113.5	1918
360	$AlCl_3$–LiCl	60	114.0	84 688
361	$AlCl_3$–$TeCl_4$	39.5	114.0	50
362	$KCHO_2$–KNO_3	62.1	114.0	2712
363	$NaAlCl_4$–$NbOCl_3$–$TaCl_5$	75–5–20	114.0	3107
364	$GaBr_3$–TlBr	70	114.0	2809
365	$AlCl_3$–$POCl_3$	63.5	114.3	1182 2359
366	$AlCl_3$–$POCl_3$	62–63	114.4	1159
367	$AlCl_3$–NaCl	60	115.0	27 34 44 45 78 80 84 258 331 451 472 688
368	$AlCl_3$–KCl–$NbCl_5$	50–45–5	115.0	332
369	$AlCl_3$–$POCl_3$	65	115.0	540
370	$AlCl_3$–CsCl–$TaCl_5$	69.7–18.7–11.6	115.0	240
371	$CO(NH_2)_2$–KCl	91	115.0	1477
372	$CsNO_2$–$LiNO_2$	40	115.0	1192
373	$CsNO_3$–KNO_3–$LiNO_3$	33–36–31	115.0	2275
374	KNO_3–$NaNO_3$–NH_4NO_3	7.5–18–74.5	115.0	1009
375	$CsC_2H_3O_2$–$NaC_2H_3O_2$	68	115.0	1013
376	AlI_3–CsI–NaI	71.0–5.5–23.5	115.0	2715
377	CuCl–$FeCl_3$–$TeCl_4$	10–48–42	115.0	2918
378	$AgNO_3$–$Cd(NO_3)_2$–KNO_3	26.8–50.2–23	115.0	3119
379	$AlCl_3$–KCl–$ZrCl_4$	65–33–2	116.0	794
380	$AlCl_3$–$KNbOCl_4$	78.4	116.0	2086
381	$AlCl_3$–$ZrCl_4$	83	116.0	794
382	AlI_3–AsI_3	41	116.0	1918
383	InI_3–SiI_4	15	116.0	2682
384	$CsC_2H_3O_2$–$CsNO_2$–$RbC_2H_3O_2$	32.5–35–32.5	116.0	2912
385	$NbCl_5$–$POCl_3$	52.5	116.8	1182
386	$LiNO_2$–$RbNO_2$	35.2	117.0	1201
387	$AlCl_3$–KCl–LiCl	50–13–37	117.0 APP	2975
388	$Ca(NO_3)_2$–KNO_3–$LiNO_3$	8.8–59.1–32.1	117.4	557
389	$AlCl_3$–$TaCl_5$	61.2	118.0	241 331 658
390	BiOI–InI_3	20	118.0	1878
391	GaI_3–GeI_4	74	118.0	2289
392	InI_3–TlI	85	118.0	1970
393	KNO_3–$NaNO_3$–NH_4NO_3	10.3–20.6–69.1	118.5	684
394	KNO_3–$NaNO_3$–NH_4NO_3	9.4–20.0–70.5	118.5	2951
395	$AlCl_3$–KCl–LiCl	59.2–19.7–21.1	120.0	3252
396	AlI_3–HgI_2	65	120.0	1918
397	GaI_3–SbI_3	45	120.0	2289
398	GaI_3–SnI_4	70	120.0	2289

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References					
399	HgI_2–NH_4I	43	120.0	514					
400	$NaNO_3$–$TlNO_2$–$TlNO_3$	32–29–39	120.0	1687					
401	KCNS–KNO_2	66	120.0	1079					
402	KNO_3–$LiNO_3$–$NaNO_3$	44.5–37.5–18	120.0	1009					
403	KNO_3–$LiNO_3$–$NaNO_3$	44.9–37.3–17.8	120.0	1350	1351	1352			
404	KNO_3–$LiNO_3$–$NaNO_3$	53–30–17	120.0	965					
405	K_2WO_4–Li_2WO_4	56	120.0	2295					
406	$FeCl_3$–NaCl–$TeCl_4$	58.2–22.0–19.5	120.0	3021					
407	$AlCl_3$–$NaAlCl_4$–$TeCl_4$	NA	120.0	2834					
408	$AlCl_3$–$FeCl_3$–$MoCl_5$	NA	121.0	896					
409	$NaNO_3$–NH_4NO_3	20.5	121.0	1009					
410	AgCl–$HgCl_2$–HgI_2	25–26–50 APP	121.0	3113					
411	$AgNO_3$–$Cd(NO_3)_2$–KNO_3	48–10.5–41.5	121.0	3119					
412	$AlCl_3$·$BiCl_3$–$FeCl_3$–$NaAlCl_4$	21.3–5.3–73.4	122.0	2594					
413	$AlCl_3$–$HfCl_4$	98	122.0	1124					
414	CuCl–TlCl	60	122.0	715					
415	CsI–InI_3	18	122.0	1970					
416	$AlCl_3$–NaCl	59	123.0	27	34	44	45	78	80
				84	258	331	451	472	688
417	AlI_3–NaI	70	123.0	2523					
418	$KClO_4$–KNO_3–$LiNO_3$	1–56.5–42.5	123.0	2786					
419	$NaNO_2$–$Sr(NO_2)_2$–$TlNO_2$	13.4–14–72.6	124.0	1853					
420	KNO_3–$LiNO_3$	57.5	124.0	2295					
421	KNO_3–$LiNO_3$	59	124.0	917					
422	NaCNS–$RbNO_3$	33	124.0	1940					
423	$NaNO_3$–$TlNO_2$	25	124.5	1687					
424	$AlCl_3$–KCl–NaCl	50–15–35	125.0	840					
425	$AlCl_3$–$NbCl_5$	54.3	125.0	241	331	658			
426	$Ca(NO_3)_2$–$CO(NH_2)_2$–KNO_3	23.9–57.7–18.3	125.0	2117					
427	$LiNO_2$–$NaNO_2$–$NaNO_3$	55–12–33	126.0	916					
428	$LiNO_2$–$RbNO_3$	37.5	126.0	1012					
429	$CsC_2H_3O_2$–$CsNO_3$–$LiC_2H_3O_2$	71.5–4–24.5	126.0	1164					
430	$LiNO_3$–LiOH–$RbNO_3$–RbOH	NA	126.0	2825					
431	InI_3–SbI_3	47.5	127.0	2423					
432	$CsC_2H_3O_2$–$CsNO_3$–$LiC_2H_3O_2$	69.5–4–26.5	127.0	2902					
433	$AlCl_3$–KCl	67	128.0	34	43	44	45	78	80
				84	260	794	3241	3243	
434	$CsNO_2$–$LiNO_3$	32.5	128.0	1192					
435	$Ca(NO_3)_2$–$RbNO_3$	39	128.0	1998					
436	KNO_3–$LiNO_3$	62	128.0	2275					
437	$CsC_2H_3O_2$–$CsNO_3$–$RbC_2H_3O_2$	55–23–22	128.0	1278					
438	$AgNO_3$–$RbNO_3$	67.5	128.0	3121					
439	AsI_3–HgI_2	88.5	129.0	2452					
440	$AlCl_3$–$HfCl_4$–NaCl	46.5–4–49.5	130.0	1124					
441	$AlCl_3$–NaCl–WCl_6	48–50–2	130.0 ±3	1106					
442	AsI_3–GaI_3	6	130.0	2289					
443	$LiNO_2$–$LiNO_3$–$NaNO_3$	60–5–35	130.0	916					
444	$CsNO_3$–$LiNO_3$–$NaNO_3$	36–47.5–16.5	130.0	1211					
445	$LiNO_3$–$NaNO_3$–$RbNO_3$	28.5–20–51.5	130.0	1211					
446	AsI_3–InI_3	65	130.0	2682					
447	GeI_4–InI_3	84	131.0	2682					
448	NH_4NO_3–$Pb(NO_3)_2$	67 APP	131.0	3160					
449	KNO_3–NH_4Cl–NH_4NO_3	11–14–75	131.0	3187					
450	$AlCl_3$–KCl	71–65.5	131.5 ±17.5	688					
451	NH_4Cl–$NH_4H_2PO_4$–NH_4NO_3	14–6–80	131.5	3187					
452	$AgNO_3$–KNO_3	62	131.9	1943					
453	HgI_2–KI	61.5	132.0	1918					
454	AlI_3–HgI_2	42	132.0	1918					

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References		
455	$LiNO_2$–$RbNO_3$	65	132.0	1012		
456	$CsNO_3$–$LiNO_3$–$NaNO_3$	47–40.5–13.5	132.0	1211		
457	KNO_3–$LiNO_3$	58.8	132.0	1065		
458	$LiNO_3$–$TlNO_3$	30	132.0	1293		
459	$CsC_2H_3O_2$–$KC_2H_3O_2$	71.5	132.0	1213		
460	$LiNO_2$–$NaNO_3$	65	133.0	916		
461	$LiNO_3$–LiOH–$RbNO_3$–RbOH	NA	133.0	2825		
462	$LiNO_3$–LiOH–$RbNO_3$–RbOH	NA	133.0	2825		
463	$BiCl_3$–$NaFeCl_4$	17.5	134.0	2594		
464	$CsNO_2$–$LiNO_3$	47.5	134.0	1192		
465	$Cd(NO_3)_2$–KNO_3–$LiNO_3$	34.2–43–22.8	134.0	512		
466	KNO_3–$LiNO_3$	58.8	134.0	925		
467	$LiNO_3$–$NaNO_3$–$RbNO_3$	45–21–34	134.0	1211		
468	$CsNO_3$–CsOH–KOH	17–57–26	134.0	3054		
469	AlOCl–$NbCl_5$	42.9	135.0	2565		
470	$HgCl_2$–NH_4Cl	42	135.0	513	514	655
471	NaCl–$RbNO_3$–TlBr	17–79–4	135.0	956		
472	AlI_3–LiI	74 APP	135.0 APP	2284		
473	AlI_3–RbI	71	135.0	2523		
474	AlI_3–SbI_3	60	135.0	1918		
475	$Cd(NO_3)_2$–$NaNO_3$	47	135.0	904	1998	
476	$Mg(NO_3)_2$–$NaNO_3$	33	135.0	1998		
477	$CsC_2H_3O_2$–$LiNO_3$	85.1	135.0	1164		
478	$CsNO_3$–$LiC_2H_3O_2$–$LiNO_3$	39–11–50	135.0	1164		
479	$CsC_2H_3O_2$–$LiC_2H_3O_2$	76	135.0	952		
480	$AlCl_3$–$BiCl_3$–NaCl	48.7–10.1–41.2	136.0	2525		
481	$BiCl_3$–$FeCl_3$–$NaAlCl_4$	22.3–14–63.7	136.0	2594		
482	CuCl–KCl	67	136.0	38	104	715
483	$AlCl_3 \cdot POCl_3$–$ZrCl_4 \cdot 2POCl_3$	47	136.0	2359		
484	AgCl–HgI_2	52	136.0	1918		
485	$Sr(NO_2)_2$–$TlNO_3$–$TlNO_2$	26.5–11.0–62.5	136.0	2974		
486	$CsNO_3$–$LiC_2H_3O_2$–$LiNO_3$	5.5–51–43.5	136.0	2902		
487	AgCl–AgI–HgI_2	47–2–51 APP	136.0	3113		
488	$AgNO_3$–$RbNO_3$	40	136.0	3121		
489	$AlCl_3$–$NbCl_5$	41.6	136.5	1344		
490	$LiNO_3$–$TlNO_3$	31	136.5	925		
491	$AlCl_3$–$HfCl_4$–NaCl	46.5–2–51.5	137.0	1124		
492	$LiNO_2$–$NaNO_2$–$Sr(NO_2)_2$	55.1–36.7–8.2	137.0	2285		
493	$LiC_2H_3O_2$–$LiNO_3$–$NaNO_3$	49.5–42.5–8	137.0	1146		
494	InCl–$ZnCl_2$	55	137.0	2705		
495	AgCl–HgI_2	49 APP	137.0	3113		
496	$AlBr_3$–$BiBr_3$	34.4	137.3	1918		
497	$AlCl_3$–$BiCl_3$–NaCl	44–11–45	138.0	2525		
498	$AlCl_3$–$MoCl_5$–NaCl	47–3–50	138.0 ±2	912		
499	$AlCl_3$–InCl	70	138.0	2186	2392	
500	$AlCl_3$–$NbCl_5$	50	138.0	1182		
501	$CsC_2H_3O_2$–$CsNO_3$–$LiC_2H_3O_2$	16.5–8.5–75	138.0	1164		
502	$NaAlCl_4$–WCl_5	98	138.0	3015		
503	AlI_3–InI_2	27.5	138.0	2919		
504	$CsC_2H_3O_2$–$KC_2H_3O_2$	72	139.0	1322		
505	KNO_3–$NH_4H_2PO_4$–NH_4NO_3	NA	139.0	3187		
506	$AlCl_3$–$MoCl_5$–NaCl	48.5–3–48.5	140.0 ±2	912		
507	$AlCl_3$–NaCl–$NbCl_5$	48.8–48.4–2.8	140.0	331		
508	$AlCl_3$–NaCl–$TaCl_5$	46.7–51.2–2.1	140.0	121		
509	$BiCl_3$–$NaAlCl_3$	14	140.0	2594		
510	$HgBr_2$–NH_4Br	52	140.0	514		
511	AlI_3–NaI	71 APP	140.0 APP	2284		
512	GaI_3–KI	65	140.0	2243		

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References	
513	AlI_3–SbI_3	34	140.0	1918	
514	GaI_3–HgI_2	70 APP	140.0 APP	2263	
515	InI_3–PbI_2	77.5	140.0	1345	
516	GaI_3–TlI	65	140.0	2243	
517	GaI_3–ZnI_2	38	140.0	2263	
518	$NaNO_2$–$TlNO_2$	18 APP	140.0	1148	
519	$CsNO_3$–KNO_3–$NaNO_3$	29–33–38	140.0	1214	
520	$Ca(NO_3)_2$–K_2CrO_4–KNO_3	34.21–0.02–65.77	140.0	546	
521	KNO_3–$NaCNS$	63.5	140.0	944	
522	KNO_3–$NaCNS$	34 APP	140.0 APP	1942	
523	$CsC_2H_3O_2$–$Zn(C_2H_3O_2)_2$	80	140.0	2957	
524	$NaAlCl_4$–$TeCl_4$	NA	140.0	2834	
525	$CuCl$–$FeCl_3$–$TeCl_4$	8–30–62	140.0	2918	
526	$CuCl$–NH_4Cl	62	140.0	3147	
527	GaI_3–SbI_3	27.5	140.1	2621	
528	$Ca(NO_3)_2$–$CO(NH_2)_2$	25.2	140.5	2109	
529	$NaC_2H_3O_2$–$RbC_2H_3O_2$–$RbNO_3$	31–60–9	141.0	1030	
530	$AgNO_3$–$RbNO_3$	5	141.0	3121	
531	$AlCl_3$–$FeCl_3$–$NaCl$	49–2–49	142.0	490	
532	$FeCl_3$–$NaAlCl_4$	2	142.0	2594	
533	$AlCl_3 \cdot POCl_3$–$HfCl_4 \cdot 2POCl_3$	49	142.0	2359	
534	$Sr(NO_2)_2$–$TlNO_2$	12.7	142.0	910	
535	$Ca(NO_3)_2$–KNO_3	34.2	142.0	546	
536	$CsC_2H_3O_2$–$CsNO_3$	75	142.0	1213	
537	$CsNO_2$–$NaNO_2$	50	142.0	2923	
538	$NaC_2H_3O_2$–$Zn(C_2H_3O_2)_2$	43	142.0	3109	
539	CsN_3–$Zn(N_3)_2$	NA	142.0	3072	
540	AlI_3–InI	65	142.0	2919	
541	AgI–Ag_2SO_4	68	142.0	3117	
542	$CuCl$–NH_4Cl	41	143.0	61	224
543	$Ca(NO_3)_2$–KNO_3–$Sr(NO_3)_2$	27.1–69.4–3.5	143.0	1237	
544	$NaAlCl_4$–$ReCl_5$	95 APP	143.0	3015	
545	$NaAlCl_4$–$NbOCl_3$	98	143.6	2086	
546	$FeCl_3$–$NaCl$–WCl_6	48–48–4 APP	144.0 ±2	1106	
547	$KC_2H_3O_2$–$NaC_2H_3O_2$–$RbC_2H_3O_2$	8–33–59	144.0	996	
548	$AlCl_3$–$FeCl_3$–$NaCl$	48–3–49	145.0	490	
549	$InCl$–$ZnCl_2$	57.6	145.0	964	
550	$HgCl_2$–HgI_2	55	145.0	1405	
551	$Ca(NO_3)_2$–KNO_3	34.2	145.0	1998	
552	$Ca(NO_3)_2$–KNO_3	36	145.0	1789	
553	$LiC_2H_3O_2$–$LiNO_3$	51	145.0	1146	
554	$NaC_2H_3O_2$–$NaNO_3$–$RbNO_3$	10–38.5–51.5	145.0	1030	
555	AlI_3–CsI–NaI	57.0–21.0–22.0	145.0	2715	
556	$NaCl \cdot AlCl_3$–NaI	95 APP	145.0	3237	
557	$CsNO_3$–$LiNO_3$–$RbNO_3$	7–64–29	145.0	3079	
558	$AlCl_3$–$NaCl$–$TeCl_4$	44.5–46.5–9	145.0	2834	
559	$Ca(NO_3)_2$–KNO_3	34 APP	145.0	3174	
560	GaI_3–SbI_3	55.1	145.3	2621	
561	$Ca(NO_3)_2$–KNO_3	32.4	146.0	1493	
562	$LiNO_3$–$LiOH$–$RbNO_3$–$RbOH$	NA	146.0	2825	
563	$LiNO_2$–$LiNO_3$	70	147.0	1191	
564	$CsC_2H_3O_2$–$LiNO_3$	21.8	147.0	1164	
565	$BiCl_3$–$GaCl_3$	65	147.0	2964	
566	$CsNO_3$–$LiNO_3$–$RbNO_3$	23–40–37	147.0	3079	
567	HgI_2–SbI_3	22.5	147.5	2452	
568	$FeCl_3$–$NaCl$–$NbCl_5$	48.–50.5–1.5	148.0	446	
569	$FeCl_3$–$NaCl$–$NbCl_5$	52.3–46.0–1.7	148.0	446	
570	$AlCl_3$–$CsCl$	74.6	148.0	240	

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References					
571	HgI_2–SbI_3	24.3	148.0	1448					
572	$LiNO_3$–$RbNO_2$	67.5	148.0	1012					
573	$NaNO_2$–$TlNO_3$	60	148.0	1687					
574	KNO_3–$NaNO_3$–$RbNO_3$	25.5–37–37.5	148.0	1212					
575	$LiNO_3$–$RbNO_3$	30	148.0	1211					
576	$CsNO_3$–NaCNS	61	148.0	1940					
577	$LiC_2H_3O_2$–$NaC_2H_3O_2$–$NaNO_3$	51–35.3–13.5	148.0	1146					
578	CsN_3–$Zn(N_3)_2$	NA	148.0	3072					
579	$HgCl_2$–HgI_2	52	148.0	3113					
580	$AgNO_3$–$Cd(NO_3)_2$	62 APP	148.0	3119					
581	$AlCl_3$–$FeCl_3$–NaCl	46–3–51	149.0	490					
582	$AlBr_3$–CsBr	79	149.0	2265					
583	HgI_2–TlI	60 APP	149.0	1844					
584	$LiNO_2$–$NaNO_2$	63	149.0	1201					
585	$LiNO_3$–$NaNO_2$	35	149.0	916					
586	$AlCl_3$–NaCl	50	150.0	27	34	44	45	78	80
				84	258	331	451	472	688
587	CuCl–KCl	66	150.0	38	104	715			
588	CuCl–RbCl	68	150.0	714					
589	GaI_3–NaI	67	150.0	2243					
590	$CsNO_3$–$NaNO_3$	48	150.0 APP	3239					
591	$CsNO_3$–$NaNO_3$–$RbNO_3$	16.5–40–43.5	150.0	1214					
592	$CsI{\cdot}2AlI_3$–$NaI{\cdot}AlI_3$	46 APP	150.0	2715					
593	$BiCl_3$–CuCl–$FeCl_3$	36–17–43	150.0	2918					
594	$BiCl_3$–TlCl	67.5	150.0	3133					
595	$AlCl_3$–$TaCl_5$	49.8	150.6	2187					
596	$FeCl_3$–NaCl	54.7	151.0	263					
597	$LiNO_2$–$NaNO_2$	62.5	151.0	916					
598	$NaNO_2$–$TlNO_3$	25	151.0	1687					
599	CsF–HF	54.7	151.5	566					
600	$NaBiCl_4$–$NaFeCl_4$	20	152.0	2594					
601	$Cd(NO_3)_2$–$RbNO_3$	23	152.0	1998					
602	$NaC_2H_3O_2$–$RbC_2H_3O_2$–$RbNO_3$	15.5–35–49.5	152.0	1030					
603	AgI–InI_3	10	153.0	1970					
604	$AgIO_3$–$AgNO_3$	26.1 APP	153.0 APP	1094					
605	$Ba(NO_2)_2$–$RbNO_2$–$TlNO_2$	20–33–47	153.0	2725					
606	$AlCl_3$–$BiCl_3$–NaCl	50–0–50 APP	154.0	2525					
607	$SnCl_2$–$TaCl_5$	69.5	154.0	914					
608	$NaNO_3$–Na_2SO_4–$RbNO_3$	40.4–1.0–58.6	154.0	2529					
609	$Ca(NO_2)_2$–$NaNO_2$–$NaNO_3$	26.6–32.9–40.5	154.0	915					
610	$LiNO_3$–$RbNO_3$	32	154.0	1082					
611	$CsNO_3$–LiBr–$LiNO_3$	41–9–50	154.0	2615					
612	Ga–$GaBr_3$	36	154.0	3018					
613	CdI_2–CsI–KI	46–19–35	155.0	1794					
614	$BiCl_3$–$SeCl_4$	50	155.0	2619					
615	NH_4NO_3–$(NH_4)_4P_2O_7$	95.4	155.0	3058					
616	AgBr–$AgNO_3$	25	155.0	3168					
617	$LiNO_3$–$NaNO_2$	62.5	156.0	916					
618	$BiCl_3$–PCl_5	NA	156.0	2930					
619	KNO_3–NH_4NO_3	21.3	156.7	1009					
620	KNO_3–NH_4NO_3	11.3	156.7	3187					
621	$FeCl_3$–NaCl–$WOCl_4$	50–50–0 APP	157.0	2467					
622	$NbCl_5$–WCl_6	56.7	157.0	1455					
623	$KC_2H_3O_2$–$LiC_2H_3O_2$–$NaC_2H_3O_2$	41–32–27	157.0	1145					
624	$KC_2H_3O_2$–$LiC_2H_3O_2$–$NaC_2H_3O_2$	9–57–34	157.0	1145					
625	$FeCl_3$–NaCl	54	158.0	121	372				
626	KCl–$NbCl_5$–$ZrCl_4$	17–44–39	158.0	874					
627	$TaCl_5$–WCl_6	49.9	158.0	1455					

TABLE 1. Eutectic data—Continued

Lorator number	System	Mol %	T, °C		References
628	$Ca(NO_2)_2$–$TlNO_2$	8.1	158.0	910	
629	$Ba(NO_3)_2$–$Ca(NO_3)_2$–KNO_3	33.3–17.5–49.1	158.0	1237	
630	$KC_2H_3O_2$–$LiC_2H_3O_2$–$NaC_2H_3O_2$	44–31–25	158.0	1145	
631	$GaCl_3$–PCl_5	100 APP	158.0	2648	
632	$AlCl_3$–WCl_5	70	158.0	3015	
633	$KBiCl_4$–$LiBiCl_4$	35	158.0	3042	
634	$RbC_2H_3O_2$–$Zn(C_2H_3O_2)_2$	40	159.0	3109	
635	$AlCl_3$–$BiCl_3$	35	160.0	2525	
636	$AlCl_3$–$TlCl$	70.5	160.0	1157	
637	GaI_3–SnI_2	82	160.0	2263	
638	$CsNO_3$–$TlNO_2$	20	160.0	1242	
639	$LiC_2H_3O_2$–$NaC_2H_3O_2$	57	160.0	1146	
640	AlI_3–CsI–NaI	48.0–21.0–31.0	160.0	2715	
641	$CsNO_3$–KNO_3–KOH	22–53–25	160.0	3054	
642	$(NH_4)_4P_2O_7$–$(NH_4)H_2PO_4$	27.5	160.0	3058	
643	$AgCl$–$AgNO_3$	25	160.0	3168	
644	$AgCl$–$AgNO_3$	25	160.0	3168	
645	KNO_2–KOH	58.4	160.0	3194	
646	$LiNO_3$–$LiOH$–$NaNO_3$	53–33–14	160.0	3211	
647	$InBr_3$–$TlBr$	NA	161.0	3076	
648	$Ba(NO_2)_2$–KNO_2–$NaNO_2$	21.2–42.4–36.4	162.0	2123	
649	$CsNO_2$–$TlNO_2$	25	162.0	1148	
650	$Ca(NO_3)_2$–KNO_3	29.5	162.0	1237	
651	$NaNO_3$–$TlNO_3$	20.5	162.0	235	
652	$NaNO_3$–$TlNO_3$	22	162.0	1293	
653	$KC_2H_3O_2$–$LiC_2H_3O_2$–$NaC_2H_3O_2$	38–32–30	162.0	1218	
654	$LiClO_4$–$LiNO_3$–$NaClO_4$	60–26–14	162.0	2710	
655	$KBiCl_4$–$LiBiCl_4$	60	162.0	3042	
656	$LiNO_3$–$NaClO_4$–$NaNO_3$	43–19.5–37.5	162.0	2774	
657	$POCl_3$–$ZrCl_4$	59.75	162.5	674	2555
658	$Cd(NO_3)_2$–$CsNO_3$	39.4	162.5	2181	
659	CoI_2–InI_2	15	163.0	2994	
660	$AgNO_3$–$CsNO_3$	67.5	163.0	3120	
661	$HgBr_2$–$TlBr$	60 APP	164.0	1844	
662	AlI_3–CsI	85	164.0	2523	
663	$NaNO_3$–$RbNO_3$	43	164.0	1211	
664	$NaNO_3$–$TlNO_3$	23.4	164.2	1943	
665	$AlCl_3$–$POCl_3$	41 APP	164.4	1159	
666	$AlCl_3$–$POCl_3$	40.4	164.5	1182	
667	$AlCl_3$–$POCl_3$	41 APP	164.5	2359	
668	$AlCl_3$–$ZrCl_4$	85.7	165.0	1429	
669	BiI_3–InI_3	8	165.0	1878	
670	$Ba(NO_2)_2$–$TlNO_2$	8.1	165.0	910	
671	$Ca(NO_2)_2$–$Ca(NO_3)_2$–$NaNO_3$	35.1–12.1–52.7	165.0	915	
672	$CsNO_3$–$RbC_2H_3O_2$–$RbNO_3$	30–44–26	165.0	1278	
673	$NaCNS$–$TlNO_3$	15 APP	165.0 APP	1942	
674	CsI·AlI_3–NaI·AlI_3	43 APP	165.0	2715	
675	$Ca(NO_3)_2$–$LiNO_3$–$NaNO_3$	0.18–99.45–0.37	165.0	2943	
676	$KClO_4$–$LiClO_4$–$LiNO_3$	5–52.5–42.5	165.0	2786	
677	$BiCl_3$–$TeCl_4$	49.3	165.5	3229	
678	$NaCl$–Na_2SO_4–$KCNS$	3–0.3–96.7	166.0	246	
679	$NaNO_3$–Na_2SO_4–$RbNO_3$	28.1–0.5–71.3	166.0	2529	
680	$Cd(NO_3)_2$–$CsNO_3$	29.4	166.0	2181	
681	$InCl$–$ZnCl_2$	85	166.0	2705	
682	$Cd(C_2H_3O_2)_2$–$CsC_2H_3O_2$	15	167.0	3110	
683	KNO_2–KOH	43	167.0	3194	
684	KCl–$KCNS$–K_2SO_4	3.4–96.4–0.2	168.0	246	
685	$HgBr_2$–KBr	57.5	168.0	343	

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C		References
686	KNO_2–$TlNO_2$	25	168.0	1148	
687	$Ba(NO_2)_2$–$Ba(NO_3)_2$–$LiNO_2$	15.2–4.2–80.6	168.0	1161	
688	$Cd(NO_3)_2$–KNO_3	46	168.0	1998	
689	$Cd(NO_3)_2$–$RbNO_3$	42	168.0	1998	
690	$Ca(NO_3)_2$–K_2CrO_4–KNO_3	28.62–0.02–71.36	168.0	546	
691	$(NH_4)_4P_2O_7$–$(NH_4)_2HPO_4$	41±5	168.0 ±2	2891	
692	KCNS–KI	93 APP	168.0	3181	
693	$AgNO_3$–$CsNO_3$	82.5	168.5	3120	
694	KCNS–NaCl	97	169.0	246	
695	$KC_2H_3O_2$–$Zn(C_2H_3O_2)_2$	30	169.0	3109	
696	$AlCl_3$–KCl–$NbCl_5$–$TaCl_5$	18–50–15.5–16.5	170.0	332	
697	$BiCl_3$–KCl	82.5 ±2.5	170.0	1918	
698	$AlCl_3$–$WOCl_4$	75.7	170.0 ±2.	2467	
699	$AlCl_3$–$ZrCl_4$	97.5 APP	170.0	1189	
700	CuI–InI_3	5	170.0	901	
701	KOH–NaOH	50	170.0	2037	2178
702	KOH–NaOH	50.6	170.0	829	
703	$Ca(NO_2)_2$–$RbNO_3$	19.7	170.0	1129	
704	$CsNO_3$–$LiNO_3$	40	170.0	1192	
705	$LiNO_3$–$RbNO_3$	61.5	170.0	1211	
706	$MoCl_5$–$SeCl_4$	58	170.0	2619	
707	$(NH_4)_2P_2O_7$–$(NH_4)_2HPO_4$	36.1	170.0	3058	
708	KCl–$TiCl_3$–$ZrCl_4$	NA	170.0	2837	
709	SbI_3–Sb_2O_3	NA	170.0	2863	
710	KCl–KCNS	NA	170.2	3181	
711	KBr–KCNS	3 APP	170.2	3181	
712	$BiCl_3$–$FeCl_3$	63	171.0	2594	
713	$SnCl_2$–$ZnCl_2$	56	171.0	61	
714	$SnCl_2$–$ZnCl_2$	64	171.0	3138	
715	$AgNO_3$–$LiNO_3$	75	171.5	3121	
716	$BiCl_3$–$FeCl_3$	77	171.5	3138	
717	CuCl–$SnCl_2$	21.8	172.0	1918	
718	NH_4Cl–$SnCl_2$	19	172.0	834	
719	$TaCl_5$–$WOCl_4$	50.2	172.0	2054	
720	AgCl–$AgNO_3$–$Ca(NO_3)_2$	18.5–78.3–3.1	172.0	198	
721	$NaNO_3$–$RbNO_3$	28	172.0	1211	
722	KN_3–$Zn(N_3)_2$	NA	172.0	3072	
723	CuCl–$SnCl_2$	18	172.0	3138	
724	$AlCl_3$–$BiCl_3$	68	173.0	2525	
725	$HfCl_4$–$POCl_3$	40	173.0	2555	
726	NH_4Cl–$SnCl_2$	42	173.0	834	
727	$BiBr_3$–$BiCl_3$	49.5	173.0	2014	
728	KCl–KCNS	3.4	173.0	246	291
729	CdI_2–CsBr	56.9	173.0	1010	
730	CdI_2–CsI–NaI	37.6–50.4–12	173.0	1795	
731	$AgNO_3$–$LiNO_3$	76	173.0	925	
732	$CsC_2H_3O_2$–$RbC_2H_3O_2$	72 APP	173.0	1013	
733	CdI_2–KI–PbI_2	42.9–49.6–7.5	173.0	3023	
734	CsCl–$SnCl_2$	17	174.0	834	
735	$NbCl_5$–$WOCl_4$	56.3	174.0	2054	
736	LiCl–$LiNO_3$–$NaNO_3$	5–80–15	174.0	2393	
737	$CsNO_3$–$LiNO_3$	43	174.0	1082	
738	$MoCl_5$–$SeCl_4$	64	174.0	2686	
739	$CsNO_3$–KNO_3–KOH	26.5–20.5–53	174.0	3054	
740	$HgBr_2$–TlBr	48 APP	175.0	1844	
741	GaI_3–TeI_4	27	175.0	2289	
742	$Cd(NO_3)_2$–KNO_3	25	175.0	1998	
743	$LiNO_3$–NaCNS	56 APP	175.0 APP	1942	

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C		References				
744	$NaCNS-RbNO_3$	62	175.0	1940					
745	$CsI\cdot AlI_3-KI\cdot AlI_3$	41 APP	175.0	2715					
746	$POCl_3-ZrCl_4$	43.5	175.3	674	2555				
747	$KCl-SnCl_2$	52	176.0	834					
748	$AlCl_3-ZrCl_4$	92.5	176.0	1876					
749	$AgCl-AgNO_3$	18.5	176.0	61	62	175	341	376	
750	$HgCl_2-TlNO_3$	12.8	176.0	476					
751	$RbNO_3-TlNO_2$	10	176.0	2101					
752	$LiC_2H_3O_2-RbC_2H_3O_2$	26	176.0	952					
753	$Pb(NO_3)_2-TlNO_3$	12.1	176.8	1943					
754	$CsNO_3-NaNO_3$	47	177.0	1213					
755	$FeCl_3-PbCl_2$	63	177.0	3138					
756	$AlCl_3-FeCl_2$	87	178.0	1973					
757	$SnCl_2-TlCl$	70.5	178.0	512					
758	$Ca(NO_3)_2-LiNO_2-LiNO_3$	10.5–71.8–17.7	178.0	1055					
759	$Ca(NO_3)_2-RbNO_2$	17.6	178.0	1129					
760	$KNO_3-Mg(NO_3)_2$	56	178.0	1998					
761	$CsNO_3-LiBr-LiNO_3$	26–65–9	178.0	2615					
762	$CsNO_3-LiBr-LiNO_3$	36–56.5–7.5	178.0	2615					
763	$LiBiCl_4-NaBiCl_4$	85	178.0	2962					
764	$Te-TeI_4$	66	178.0	2851					
765	$TaCl_5-WOCl_4$	55	178.5	1993					
766	$NaNO_3-RbNO_3$	44	178.5	1082					
767	$FeCl_3-PbCl_2$	50	178.6	3138					
768	$NaC_2H_3O_2-RbC_2H_3O_2$	38	179.0	1030					
769	$Cd(C_2H_3O_2)_2-RbC_2H_3O_2$	14	179.0	3110					
770	$LiNO_3-RbNO_3$	66	179.5	1082					
771	$NaF-SnF_2$	20	180.0	1306					
772	$KCl-NaCl-TaCl_5$	20–30–50	180.0	840					
773	$AlCl_3-KCl-NbCl_5$	4–6–90	180.0	332					
774	$AlCl_3-KCl-TaCl_5$	21.3–50–28.7	180.0	332					
775	$FeCl_3-KCl-ZrCl_4$	30–35–35	180.0	794					
776	$FeCl_3-KCl-ZrCl_4$	59–34–7	180.0	794					
777	$KCl-NbCl_5-TaCl_5$	15.5–69–15.5	180.0	332					
778	$KCl-SnCl_2$	38	180.0	502	667				
779	$BiCl_3-TaCl_5$	73	180.0	2328					
780	$NH_4Cl-ZnCl_2$	48.5	180.0	964	965				
781	$SnCl_2-ZnCl_2$	58.2	180.0	964					
782	$LiCl-LiNO_3-NaNO_3$	2.5–52.5–45	180.0	2393					
783	$CdI_2-KI-NaI$	47.1–42.6–10.3	180.0	2148					
784	$AgI-GaI_3$	24	180.0	2243					
785	BiI_3-GaI_3	31	180.0	2289					
786	CdI_2-GaI_3	20 APP	180.0 APP	2263					
787	GaI_3-PbI_2	85	180.0	2263					
788	$RbNO_2-TlNO_2$	75	180.0	1148					
789	$Ca(NO_2)_2-NaNO_3$	36.8	180.0	915					
790	$MoCl_5-PCl_5$	62	180.0	2686					
791	$LiNO_3-NaClO_4-NaNO_3$	43–19.5–37.5	180.0	2710					
792	$FeCl_3-WCl_5$	70	180.0	3015					
793	$AlCl_3-BaCl_2$	81.7	180.0	3034					
794	$LiClO_4-LiNO_3-NaClO_4$	60–26–14	180.0	2774					
795	$LiI-LiOH$	55	180.0	3202					
796	$NaNO_3-RbNO_3$	53	180.5	1077					
797	$Ba(NO_2)_2-NaNO_2$	55.6	181.0	2123					
798	KNO_3-TlNO_3	28	181.0	1293					
799	$RbC_2H_3O_2-RbNO_3$	35.5	181.0	1030					
800	$KC_2H_3O_2-LiC_2H_3O_2$	64	181.0	1145					
801	$KNO_3-TlBr-TlNO_3$	25.5–4.5–70	181.0	3195					

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C		References
802	$AlCl_3$–KCl–$ZrCl_4$	20–40–60	182.0	794	
803	$HgCl_2$–KCl	68	182.0	513	
804	$LiClO_4$–NH_4ClO_4	69.5	182.0	1116	
805	CuBr–KBr	28.1	182.0	641	
806	$Ba(NO_2)_2$–$LiNO_2$	20.5	182.0	1161	
807	InI_3–ZnI_2	75	182.0	2616	
808	NaCl–$SnCl_2$	32	183.0	667	
809	$HgCl_2$–TlCl	64	183.0	711	
810	NH_4Cl–$SnCl_2$	20	183.0	953	
811	$CsNO_3$–$LiNO_3$	55	183.0	1192	
812	$NaC_2H_3O_2$–NaCNS–$NaNO_3$	32.5–30.5–37.0	183.0	3230	
813	$HfCl_4$–$POCl_3$	56	183.7	2555	
814	$CeCl_3$–NaCl–$SnCl_2$	2–22–76	184.0	828	
815	NaCl–$NbCl_5$–$ZrCl_4$	18.8–54.4–26.7	184.0	779	
816	$CsNO_3$–NaCNS	31	184.0	1940	
817	AgCl–$PbCl_2$–TlCl	50–8–42	184.0	2651	
818	AgCl–$BiCl_3$	45	184.0	2964	
819	NH_4Cl–$NH_4H_2PO_4$	12.2	184.0	3187	
820	$SnCl_2$–TlCl	82	185.0	711	
821	AlI_3–CsI	64	185.0	2523	
822	$Ca(NO_2)_2$–KNO_2	25	185.0	1897	
823	CdI_2–KI	52.5	185.0	3140	
824	NaCl–$SnCl_2$	28	186.0	828	
825	$NbCl_5$–$ZrCl_4$	65.7	186.0	779	
826	NH_4Cl–$SnCl_2$	40	186.0	953	
827	$KC_2H_3O_2$–$RbNO_3$	25	186.0	1225	
828	$Ba(NO_2)_2$–$LiNO_2$	21.2	187.0	2116	
829	$LiNO_3$–$NaNO_3$	56	187.0	3003	
830	CsCl–$SnCl_2$	17	188.0	286	
831	$AlCl_3$–InCl	80	188.0	2186	2392
832	FeI_2–GaI_3	25	188.0	2263	
833	GaI_3–NiI_2	71	188.0	2263	
834	$Ca(NO_3)_2$–$CsNO_3$	42	188.0	1998	
835	CsOH–KOH	55	188.0	3054	
836	KNO_3–$NH_4H_2PO_4$	33	188.0	3187	
837	$AlCl_3$–$HfCl_4$	93.95	189.0	1881	
838	$AlCl_3$–$ZrCl_4$	89.84	189.0	1881	
839	$HgCl_2$–TlCl	66 APP	189.0	1844	
840	KCl–NaCl–$NbCl_5$	22–28–50	190.0	840	
841	$BiCl_3$–CuCl	56	190.0	1918	
842	$BiCl_3$–$NbCl_5$	54	190.0	2328	
843	AgCl–TlBr	60	190.0	1021	
844	$AlBr_3$–KBr	48	190.0	2265	
845	CdI_2–InI_3	62.5	190.0	1345	
846	Na_2SO_4–$Na_2S_2O_7$	8	190.0	2009	
847	$Cd(NO_3)_2$–$LiNO_3$	35	190.0	1998	
848	$KC_2H_3O_2$–KNO_3–$LiC_2H_3O_2$	60–11–29	190.0	1215	
849	$MoCl_5$–$SeCl_4$	45	190.0	2686	
850	$BiCl_3$–$HgCl_2$	62	190.0	2964	
851	$LiC_2H_3O_2$–$NaC_2H_3O_2$	26	190.0	3100	
852	$GaBr_3$–TlBr	45	190.0	2809	
853	KF–SnF_2	19	191.0	1306	
854	$NbCl_5$–PCl_5	67.	191.0	2328	
855	$SnCl_2$–TlCl	79	191.0	2061	
856	RbCl–$SnCl_2$	17	192.0	286	
857	$HgCl_2$–$TlNO_3$	37	192.0	476	
858	HgI_2–$TlNO_3$	5	192.0	1404	
859	$Ba(NO_3)_2$–$LiNO_3$–$NaNO_3$	1.3–53.2–45.5	192.0	512	

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
860	$LiBiCl_4$–$NaBiCl_4$	50	192.0	2962
861	$BiCl_3$–LiCl	95	192.0	2980
862	$HgCl_2$–NH_4Cl	39	193.0	513 514 655
863	TlCl–$ZnCl_2$	41.8	193.0	964
864	$LiNO_2$–$LiNO_3$	75	193.0	1161
865	$LiNO_3$–$NaNO_3$	54	193.0	925
866	TlBr–$TlNO_3$	11.5	193.0	3195
867	$AlCl_3$–CsCl–$TaCl_5$	5–6–89	194.0	240
868	$CsNO_3$–$NaNO_3$	50	194.0	2923
869	AlI_3–InI	48	194.0 APP	2919
870	$AlCl_3$–$HfCl_4$–KCl	22.5–46.2–31.3	195.0	1124
871	$AlCl_3$–KCl–$NbCl_5$	15–52–33	195.0	332
872	KNO_3–$Mg(NO_3)_2$	81	195.0	1998
873	$CsI·AlI_3$–$RbI·AlI_3$	25 APP	195.0	2715
874	$BeCl_2$–KCl–NaCl	46–13–41	195.0	2978
875	$SnBr_2$–SnS	95 APP	195.0	2997
876	$SnCl_2$–TlCl	81.0	195.2	2748
877	$BiCl_3$–NaCl	80	196.0	2525
878	NaCl–$NbCl_5$–$ZrCl_4$	35.6–49.2–15.2	196.0	779
879	CdI_2–InI_3	1.5	196.0	1345
880	$LiNO_3$–$NaNO_3$	55	196.0	916
881	$Cd(C_2H_3O_2)_2$–$KC_2H_3O_2$	46	196.0	3110
882	AgI–RbI	75	196.0	3116
883	$AlCl_3$–$FeCl_2$–$FeCl_3$	59–33–8	197.0	1973
884	$HgCl_2$–$TlNO_3$	58.5	197.0	476
885	$LiC_2H_3O_2$–$NaNO_3$	85	197.0	1146
886	$KC_2H_3O_2$–$LiC_2H_3O_2$	62.4	197.0	1218
887	AgI–InI	70	197.0	2919
888	RbCl–$SnCl_2$	18	198.0	834
889	$FeCl_3$–$NbCl_5$	20.6	198.0	658
890	$HgCl_2$–NH_4Cl	61.3	198.0	513 514 655
891	AlI_3–RbI	48	198.0	2523
892	$Ca(NO_2)_2$–KNO_2	40.3	198.0	1897
893	$RbC_2H_3O_2$–$RbNO_3$	81.5	198.0	1030
894	KCl–$SnCl_2$	20	200.0	834
895	RbCl–$SnCl_2$	44	200.0	834
896	$AlCl_3$–InCl	30	200.0	2186 2392
897	$FeCl_3$–$TaCl_5$	24.3	200.0	658
898	NH_4Cl–$SnCl_2$	56	200.0	834
899	GaI_3–KI	47	200.0	2243
900	CdI_2–CsI	55.6	200.0	1010
901	CuI–GaI_3	12.5	200.0	2243
902	GaI_3–MgI_2	17	200.0	2263
903	K_2CrO_4–KOH–LiOH	6–69–25	200.0	942
904	$Ca(NO_2)_2$–$NaNO_2$	32.4	200.0	915
905	$LiNO_2$–$LiNO_3$	70 APP	200.0 APP	1012
906	$RbNO_3$–$Sr(NO_3)_2$	80	200.0	1998
907	$RbNO_3$–$TlNO_3$	23 APP	200.0 APP	1293
908	$NaC_2H_3O_2$–$NaNO_3$	76.5	200.0	1146
909	$InBr_3$–NaBr	47	200.0	2625
910	$CdCl_2$–InCl	10	200.0	2705
911	$NaC_2H_3O_2$–$Zn(C_2H_3O_2)_2$	75	200.0	2957
912	InCl–KCl	98 APP	200.0 APP	2767
913	$BiBr_3$–$TeBr_4$	80	200.0	2841
914	$InBr_3$–$SnBr_2$	27	200.0	2888
915	AgI–TlI–Tl_2SO_4	1.5% SO4, 68% AG	200.0	3117
916	$AlCl_3$–KCl–$NbCl_5$	27.5–50–22.5	201.0	332
917	KCl–$SnCl_2$	17	201.0	502 667

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C		References
918	$TeCl_4$–TlCl	89	201.0	2707	
919	Tl_2CO_3–$TlNO_3$	14	201.0	3217	
920	$FeCl_3$–KCl	53	202.0	794	
921	AgBr–TlCl	61	202.0	1021	
922	$Ca(ClO_4)_2$–$LiClO_4$–$NaClO_4$	11.2–66.8–22	202.0	913	
923	$Ca(NO_3)_2$–$LiNO_2$	8.1	202.0	1055	
924	$BiCl_3$–LiCl	65	202.0	2980	
925	$FeCl_3$–KCl–UCl_4	NA	202.0	2985	
926	$TeCl_4$–TeI_4	65	202.0 SER SOLID SOL	2764	
927	$TeBr_4$–$TeCl_4$–TeI_4	0–65–35	202.0 SER SOLID SOL	2764	
928	$AgNO_3$–$Ca(NO_3)_2$	89	202.0	3118	
929	$NbCl_5$–$NbOCl_3$	99.4	202.4	2288	
930	$AgNO_3$–$Pb(NO_3)_2$	96	202.7	1943	
931	RbCl–$SnCl_2$	44.5	203.0	286	
932	$RbNO_2$–$TlNO_3$	15	203.0	2101	
933	KNO_3–$RbC_2H_3O_2$	20	203.0	1225	
934	$GaCl_3$–KCl–$MgCl_2$	45–53–2	203.0	2613	
935	KN_3–$Zn(N_3)_2$	NA	203.0	3072	
936	KNO_3–$LiC_2H_3O_2$–$NaNO_3$	8–67–25	203.0	2901	
937	$SnCl_2$–TlCl	66	204.0	2061	
938	$LiClO_4$–$NaClO_4$	71.5	204.0	1116	2503
939	$Ca(NO_3)_2$–$NaNO_2$	31.1	204.0	1897	
940	$LiNO_3$–$NaClO_4$	67	204.0	2710	
941	$LiNO_3$–$NaNO_3$	67	204.0	2774	
942	$NaNbOCl_4$–$NbCl_5$	0 APP	204.5 APP	2086	
943	$KAlCl_4$–KCl–K_2NbOCl_5	75.4–11.5–13.1	205.0	1048	
944	CuCl–$NbCl_5$	23.3 LT	205.0	889	
945	$HgCl_2$–TlCl	32	205.0	711	
946	$BiBr_3$–$PbBr_2$	76.5	205.0	1918	
947	$Ca(NO_2)_2$–$LiNO_2$	9.6	205.0	1897	
948	$Ca(NO_2)_2$–$RbNO_2$	21.2	205.0	1897	
949	$RbNO_2$–$TlNO_3$	50	205.0	2101	
950	$BaCl_2$–NaCl–$ZnCl_2$	6.5–32.5–61	205.0	2928	
951	$FeCl_3$–KCl–UCl_4	NA	205.0	2985	
952	K_2NbOCl_5–$TaCl_5$	57.5 APP	205.0	3025	
953	AgI–TlI	69	205.0	3117	
954	$BiBr_3$–$PbBr_2$	80	205.3	3138	
955	$BiCl_3$–$WOCl_4$	40.3	206.0	2054	
956	$AgNO_3$–$SrCl_2$	99.5	206.0	198	
957	NaBr–NaI–NaOH	11–14–75	206.0	512	
958	KNO_3–$RbC_2H_3O_2$	70	206.0	1225	
959	$Ba(NO_2)_2$–KNO_2–$RbNO_2$	48–47–5	206.0	2725	
960	$BiCl_3$–LiCl	45	206.0	2980	
961	$AlCl_3$–KCl–$TaCl_5$	29–50–21	207.0	840	
962	$KClO_4$–$LiClO_4$	24	207.0	495	
963	$LiClO_4$–$NaClO_4$	71.5	207.0	913	
964	AlI_3–KI	47.5	207.0	2523	
965	$AgNO_3$–$Ba(NO_3)_2$	98	207.0	3118	
966	$AgNO_3$–$Ba(NO_3)_2$	99.1	207.9	1942	
967	$AlCl_3$–$FeCl_2$	58	208.0	1973	
968	$SnCl_2$–$TaCl_5$	11.1	208.0	914	
969	$LiClO_4$–$NaClO_4$	72.5	208.0	495	
970	GaI_3–TlI	45	208.0	2243	
971	$Ca(NO_2)_2$–$LiNO_3$	31.1	208.0	1055	
972	$Ca(NO_3)_2$–$LiNO_2$–$LiNO_3$	30.7–61.4–7.8	208.0	1055	
973	$CoCl_2$–NaCl–$TeCl_4$	2–3–95	208.0	3017	
974	KNO_3–$NaNO_3$–$Sr(NO_3)_2$	52.3–42.9–4.7	208.4	1872	
975	$AgNO_3$–$Sr(NO_3)_2$	99.5	208.7	1942	

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References		
976	$FeCl_3$–$WOCl_4$	1 APP	209.0 ±2	2467		
977	$HgCl_2$–$TlCl$	40 APP	209.0	1844		
978	PCl_5–$TaCl_5$	30	209.0	2328		
979	$BeCl_2$–$NaCl$	55	210.0	218	287	314
980	$GaCl_3$–KCl	49	210.0	1016		
981	KCl–$PbCl_2$–$ZnCl_2$	42–6–52	210.0	682		
982	$AgCl$–$TlCl$	60	210.0	259	269	388
983	$AlCl_3$–$InCl_2$	3 APP	210.0 APP	2392		
984	$CdCl_2$–CdI_2–TlI	18.6–32.9–48.5	210.0	790		
985	GaI_3–NaI	47	210.0	2243		
986	$LiOH$–$NaOH$	30	210.0	1029	2037	
987	$AgNO_3$–$Pb(NO_3)_2$	93 APP	210.0	2115		
988	$RbNO_3$–$Sr(NO_3)_2$	84.8	210.0	955		
989	$AgCl$–$TlCl$	55	210.0	2651		
990	$BeCl_2$–KCl–$NaCl$	45–28–27	210.0	2978		
991	$FeCl_3$–K_2UCl_6	75	210.0	2985		
992	$FeCl_3$–KCl–UCl_4	NA	210.0	2985		
993	InI_2–SnI_2	74.5	210.0	2994		
994	CsN_3–$Zn(N_3)_2$	NA	210.0	3072		
995	$KClO_4$–$LiClO_4$	24	210.0	2787		
996	AgI–InI_2	20	210.0	2919		
997	Tl_2CO_3–$TlNO_3$	40	210.0	3217		
998	$AlCl_3$–KCl–$NbCl_5$	29–50–21	211.0	840		
999	$AgCl$–AgI	42	211.0	3170		
1000	$LiOH$–$NaNO_3$–$NaOH$	26.3–4.5–69.2	211.0	3211		
1001	Tl_2CO_3–$TlNO_3$	62	211.0	3217		
1002	$KC_2H_3O_2$–KNO_3	39	212.0	1215		
1003	$PbCl_2$–$TeCl_4$	2 APP	212.0	2709		
1004	KNO_3–$NaC_2H_3O_2$	60	212.0	2901		
1005	$NbCl_5$–$TaCl_5$	57	213.0	241		
1006	$TlCl$–$ZnCl_2$	48	213.0	450		
1007	KNO_2–$Sr(NO_2)_2$	73.4	213.0	2285		
1008	$Ca(NO_3)_2$–$LiNO_2$	33.3	213.0	1055		
1009	$LiC_2H_3O_2$–$NaC_2H_3O_2$	47.5	213.0	1218		
1010	Na–S	25	213.0	2631		
1011	$SeCl_4$–WCl_6	40	213.0	2718		
1012	K_2FeCl_6–K_2UCl_6	70	213.0	2985		
1013	$KAlCl_4$–K_2NbOCl_5	86.8	214.0	1048		
1014	NH_4Cl–$TaCl_5$	4 APP	214.0	1041		
1015	KNO_3–KOH	68.5	214.0	1033		
1016	$CdCl_2$–$TeCl_4$	4 APP	214.0	2709		
1017	$NaC_3H_7O_2$–$NaCNS$–$NaNO_2$	57.5–40–2.5	214.0	2723		
1018	$NaC_3H_7O_2$–$NaCNS$–$NaNO_2$	61–37–2	214.0	2723		
1019	$Ca(NO_3)_2$–$NaNO_3$	31	214.0	3003		
1020	$FeCl_3$–$ZnCl_2$	30	214.0	3138		
1021	$Ba(NO_3)_2$–KNO_3–$NaNO_3$	2.6–51.3–46.1	214.1	1872		
1022	$LiCl$–$SnCl_2$	15	215.0	666		
1023	KCl–$TaCl_4$	49	215.0	1027		
1024	$CsCl$–$CuCl$	23	215.0	719		
1025	$BiCl_3$–$ZnCl_2$	89.1	215.0	964	965	
1026	$CuCl$–$TaCl_5$	28.3 LT	215.0	889		
1027	AlI_3–NaI	48	215.0	2523		
1028	KNO_2–$Sr(NO_2)_2$	72.6	215.0	1020		
1029	$BeCl_2$–$NaCl$	NA	215.0	3128		
1030	$AgCl$–AgI	46	215.0	3171		
1031	KCl–$MgCl_2$–$ZrCl_4$	36.5–3.5–60.	216.0	1125		
1032	$BeCl_2$–$NaCl$	50	217.0	1941		
1033	$BiCl_3$–WCl_6	92	217.0	2054		

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
1034	KNO_2–$Sr(NO_2)_2$	49	217.0	1020
1035	$CsNO_3$–KNO_3	39.6	217.0	1212
1036	$KC_2H_3O_2$–$RbNO_3$	68	217.0	1225
1037	$LiC_2H_3O_2$–$NaNO_3$	80	217.0	2901
1038	KNO_3–$Pb(NO_3)_2$	76.6	217.1	1943
1039	AgCl–TlCl	56.1 APP	218.0	1021
1040	$InCl_3$–$SnCl_2$	8.7	218.0	750
1041	$NaNO_2$–$Sr(NO_2)_2$	71	218.0	1020
1042	NaCNS–$NaNO_2$	41.5	218.0	2723
1043	NaCNS–$NaNO_2$	37	218.0	2723
1044	CdI_2–InI_2	3.5	218.0	2994
1045	KCl–NaCl–$ZrCl_4$	NA	218.0	3047
1046	$BiCl_3$–$PbCl_2$	88.7	219.0	1918
1047	$LiClO_4$–$NaClO_4$	78.2	219.0	913
1048	KNO_2–$Sr(NO_2)_2$	49.6	219.0	2285
1049	$CsC_2H_3O_2$–$KC_2H_3O_2$–$LiC_2H_3O_2$	13–5–82	219.0	1464
1050	$LiC_2H_3O_2$–$NaC_2H_3O_2$	69	219.0	1218
1051	$LiClO_4$–$NaClO_4$	78	219.0	2614
1052	AgCl–$TeCl_4$	2.6	219.0	2707
1053	$LiClO_4$–$NaClO_4$	78	219.0	2773
1054	$BiCl_3$–$PbCl_2$	90	219.0	3138
1055	$FeCl_3$–TlCl	40 APP	219.0	3133
1056	NaCl–$TaCl_3$	55	220.0	1019
1057	$FeCl_3$–KCl	66	220.0 ±2	2537
1058	KCl–$ZrCl_4$	42.2	220.0	83 201 794
1059	$AlCl_3$–In_2Cl_3	42 APP	220.0 APP	2392
1060	KNO_3–KOH	32	220.0	1033
1061	$CsNO_2$–$CsNO_3$–$Sr(NO_3)_2$	54.8–16.1–29	220.0	1238
1062	$KC_2H_3O_2$–KNO_3	61	220.0	1215
1063	$GaCl_3$–KCl–$MgCl_2$	44–4–52	220.0	2613
1064	$NaC_3H_7O_2$–NaCNS–$NaNO_3$	17.5–40–42.5	220.0	2723
1065	$LiC_2H_3O_2$–$Zn(C_2H_3O_2)_2$	25	220.0	2957
1066	InI_2–ZnI_2	97.0	220.0	2994
1067	$Ca(NO_3)_2$–$LiNO_3$	14±2	220.0	3003
1068	$SnBr_2$–TlBr	93.7	220.5	2748
1069	K_2CO_3–KOH–LiOH	2.1–71.8–25.6	221.0	2526
1070	$Ba(NO_2)_2$–KNO_2	31.6	221.0	2123
1071	$FeCl_3$–NH_4Cl	65	221.0	3147
1072	$GaCl_3$–NH_4Cl	35 APP	222.0	1016
1073	$KC_2H_3O_2$–$LiC_2H_3O_2$	15.5	222.0	1145
1074	$K_2Cr_2O_7$–$NaNO_3$	36.1	222.0	3190
1075	$CsNO_3$–KNO_3	40 APP	222.0	2790
1076	$Ca(NO_3)_2$–$NaNO_3$	29	222.8	1998
1077	RbCl–$SnCl_2$	51.5	223.0	286
1078	$FeCl_2$–$LaCl_3$–$SnCl_2$	6–2–92	223.0	828
1079	NaCN–NaOH	31	224.0	1101
1080	KNO_2–$NaNO_2$	35	224.0	904
1081	$HgCl_2$–WCl_6	5	224.0	2718
1082	InI_2–PbI_2	97.5	224.0	2994
1083	$TeBr_4$–$TeCl_4$	0 SER SOLID SOL	224.0	2764
1084	NaI–NaOH	19.4	224.5	1101
1085	AlI_3–LiI	48 APP	225.0 APP	2284
1086	$InCl_2$–KCl	95 APP	225.0	2767
1087	NaCl–$NaNO_3$–NaOH	1.6–70.8–27.6	225.0	2836
1088	KNO_3–$Na_2Cr_2O_7$	73.3	225.0	3190
1089	$CeCl_3$–$FeCl_2$–$SnCl_2$	2–6–92	226.0	828
1090	AgBr–TlBr	62 APP	226.0	1021
1091	KOH–LiOH	68.8	226.0	2299

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C		References	
1092	$Ca(NO_3)_2$–$NaNO_3$	30.3	226.0	915		
1093	$LiC_2H_3O_2$–$NaC_2H_3O_2$	81.5	226.0	1146		
1094	$NaClO_4$–$NaNO_3$	38.5	226.0	2653		
1095	InI_2–MnI_2	100 APP	226.0	2994		
1096	KOH–LiOH	71	227.0	2037	2178	2526
1097	NaCNS–$NaNO_3$	44 APP	227.0 APP	1942		
1098	HgI–HgI_2	47.5	227.0	3150		
1099	NH_4Cl–$ZnCl_2$	27	228.0	964	965	
1100	KCl–KOH–LiOH	6.0–64.0–30.0	228.0	683		
1101	$Ca(ClO_4)_2$–$LiClO_4$	13.1	228.0	325		
1102	AgBr–RbBr	68	228.0	165	803	
1103	$KC_2H_3O_2$–$NaC_2H_3O_2$	55	228.0	996	1145	
1104	$CsNO_3$–$NaNO_2$	60 APP	228.0 MIN	2923		
1105	LiBr–$LiNO_3$	23	228.0	2926		
1106	AgBr–RbBr	68	228.0	3116		
1107	HgI_2–PbI_2	23	228.0	3152		
1108	KCl–KOH–LiOH	6–64–30	228.0	3188		
1109	KCl–$PbCl_2$–$ZnCl_2$	23–14–63	229.0	682		
1110	$CdBr_2$–$KC_2H_3O_2$–$NaC_2H_3O_2$	4–48–48	229.0	2728		
1111	$CdCl_2$–$SnCl_2$	10	229.0	3138		
1112	HF–KF	48.60	229.5	567		
1113	KCl–$TaCl_3$	50 APP	230.0	1019		
1114	KCl–$ZnCl_2$	51	230.0	140	200	498
1115	$BiCl_3$–$InCl_3$	100 APP	230.0	1354		
1116	$FeCl_2$–$SnCl_2$	6	230.0	828		
1117	$Ba(NO_3)_2$–LiCl–$LiNO_3$	4.6–15.4–80	230.0	833		
1118	$Ca(NO_3)_2$–LiCl–$LiNO_3$	17.9–20.5–61.6	230.0	3248		
1119	CsBr–LiBr	48.5	230.0	2055		
1120	CsBr–Cs_2SO_4–LiBr	47.5–0 APP –52.5	230.0	2055		
1121	$NaNO_2$–NaOH	77	230.0	1033		
1122	LiOH–$NaNO_3$–NaOH	13.5–43–38.5	230.0	3211		
1123	$HgBr_2$–NaBr	91.5	232.0	343		
1124	$HgBr_2$–$PbBr_2$	95	232.0	3240		
1125	KNO_2–$NaNO_2$	35	232.0	2123		
1126	$RbNO_2$–$Sr(NO_2)_2$	78.8	232.0	1020		
1127	$Ca(NO_3)_2$–$NaNO_3$	29.8	232.0	904		
1128	NH_4Cl–$ZnCl_2$	27	232.0	3147		
1129	$CdCl_2$–$SnCl_2$	10	233.0	61	62	712
1130	$MnCl_2$–$SnCl_2$	5	233.0	61	62	712
1131	$NaNO_2$–$NaNO_3$	60	233.0	915	916	
1132	LiCl–$LiClO_4$	9.5	234.0	3009		
1133	$HfCl_4$–KCl–NaCl	NA	234.0	3047		
1134	$AlCl_3$–KCl–$ZrCl_4$	46–52–2	235.0	794		
1135	$FeCl_3$–KCl–$ZrCl_4$	44–53–3	235.0	794		
1136	KCl–$ZrCl_4$	34.5	235.0	83	201	794
1137	AgCl–$BeCl_2$	60	235.0	512		
1138	$NaNO_2$–$NaNO_3$	50	235.0	915	916	
1139	$Ca(NO_3)_2$–$LiNO_3$	15	235.0	1998		
1140	$KC_2H_3O_2$–$NaC_2H_3O_2$	53.5	235.0	1738		
1141	AlI_3–CsI–NaI	45.0–53.0–2.0	235.0	2715		
1142	AgCl–$BeCl_2$	60	235.0	3128		
1143	$FeCl_3$–NH_4Cl	38	235.0	3147		
1144	KCl–KH_2PO_4–KNO_3	7–59–34	235.0	3187		
1145	Na_2S_2–Na_2S_4	50	235.0	3219		
1146	$Ca(NO_3)_2$–$LiNO_3$	15.3	235.2	557		
1147	CsCl–CuCl	45 APP	236.0	719		
1148	$KClO_3$–$NaClO_3$	11	236.0	384	3242	
1149	CsBr–KBr–LiBr	25–19–56	236.0	2111		

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C		References
1150	$Ca(NO_3)_2$–$CsNO_3$	39	236.0	1209	
1151	$Ca(NO_3)_2$–$LiNO_3$	15.3	236.0	1239	
1152	$LiC_2H_3O_2$–$RbC_2H_3O_2$	88.5	236.0	952	
1153	$CsC_2H_3O_2$–$CsNO_3$–$LiC_2H_3O_2$	11.5–5–83.5	236.0	2902	
1154	$HgBr_2$–$HgSO_4$	99 GT	236.0	3177	
1155	$HgCl_2$–$HgSO_4$	99 GT	236.0	3177	
1156	$LaCl_3$–$SnCl_2$	2.3	237.0	828	
1157	$K_2Cr_2O_7$–LiCl	30.7	237.0	1938	
1158	NaOH–RbOH	75.2	237.0	512	
1159	$RbNO_2$–$Sr(NO_2)_2$	40	237.0	1020	
1160	Na_2S_4–Na_2S_5	33	237.0	3219	
1161	$CaCl_2$–$LiNO_3$	8.1	238.0	3248	
1162	AgI–KI	29.5±1	238.0	1839	
1163	$K_2CH_3O_2$–$LiC_2H_3O_2$	13	238.0	1218	
1164	As_2Se_3–Tl_2Se	21	238.0 ±3	3224	
1165	$KC_2H_3O_2$–$Mg(C_2H_3O_2)_2$	63.5	238.0	2794	
1166	LiOH–RbOH	26	238.0	2825	
1167	$AlCl_3$–$HfCl_4$–KCl	48–1–51	239.0	1124	
1168	$NaNO_2$–NaOH	27	239.0	1033	
1169	$FeCl_3$–KCl–LiCl	46–50–4	239.0 ±1	2975	
1170	K_2NbOCl_5–$KTaCl_6$	40	239.0	3025	
1171	$CeCl_3$–$SnCl_2$	2.5	240.0	828	
1172	$CoCl_2$–$SnCl_2$	3	240.0	512	
1173	AgCl–AgI–KCl	43–53–4	240.0	616	
1174	$SnCl_2$–SnS	97.2	240.0	883	
1175	AlI_3–CsI	46.5	240.0	2523	
1176	AlI_3–CsI	45 APP	240.0 APP	2284	
1177	PbS–SnS	17 APP	240.0	883	
1178	$CsC_2H_3O_2$–$LiC_2H_3O_2$	12	240.0	952	
1179	$KC_2H_3O_2$–$NaC_2H_3O_2$	61.5	240.0	1738	
1180	CsI·AlI_3–NaI	92 APP	240.0	2715	
1181	Na_2S–S	31.25	240.0 ±2	2932	
1182	$NaC_2H_3O_2$–$Zn(C_2H_3O_2)_2$	50	240.0	2957	
1183	CsOH–LiOH	74.5	240.0 ±5	3095	
1184	$LiC_2H_3O_2$–$LiCHO_2$	62.5	240.0	3100	
1185	$InBr_3$–$TeBr_4$	52.5	240.0	2888	
1186	$BaSO_4$–$LiNO_3$–Li_2SO_4	2.5–96–1.5	240.0	2906	
1187	KNO_3–$Na_2Cr_2O_7$	44.6	240.0	3190	
1188	AgI–KI	70	240.5	2673	
1189	NaOH–RbOH	34.1	241.0	512	
1190	NaF–Na_2TiF_6	75.1	242.0	761	
1191	$BiCl_3$–NaCl	48	242.0	2525	
1192	$HfCl_4$–KCl	62	242.0	83	
1193	$KAlCl_4$–$NbOCl_3$	97.1	242.0	2086	
1194	AgCl–$CdCl_2$–$ZnCl_2$	43–6–51	242.0	512	
1195	$PbCl_2$–$ZnCl_2$	7	242.0	35	61
1196	NaCl–$NaNO_3$–NaOH	3.6–18.3–78.1	242.0	2836	
1197	AgI–HgI_2	15	242.0	3114	
1198	HgI_2–$HgSO_4$	87 APP	242.0	3178	
1199	NH_4Cl–$TaCl_5$	70	243.0	1041	
1200	$Ca(NO_2)_2$–$CsNO_3$	39.3	243.0	1209	
1201	CuCl–$ZnCl_2$	18	243.0	3138	
1202	RbCl–WCl_5	1.5–2 APP	244.0 APP	1051	
1203	$SnCl_2$–YCl_3	89.6	244.0	1154	
1204	LiCl–$LiNO_3$	12.5	244.0	680	
1205	BiI_3–HgI_2	13.3	244.0	2452	
1206	$Ba(NO_3)_2$–$LiNO_3$	2	244.0	1161	
1207	KH_2PO_4–KNO_3	29.2	244.5	3187	

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
1208	$AgCl-NH_4Cl$	8.5	245.0	655
1209	$CsNO_3-LiC_2H_3O_2$	9.8	245.0	1164
1210	$BeCl_2-KCl-YCl_3$	38–37–25	245.0	2739
1211	$CsNO_3-LiC_2H_3O_2$	10	245.0	2902
1212	$AgI-HgI_2$	10APP	245.0	3113
1213	$NaNO_3-NaOH$	72	246.0	3211
1214	$Ca(NO_2)_2-CsNO_2$	23.1	247.0	1209 1897
1215	$FeCl_3-KCl-LiCl$	48–48–4	247.0 ±1	2966
1216	$FeCl_3-KCl-LiCl$	48–48–4	247.0 ±1	2975
1217	$KNbOCl_4-KTaCl_6$	40	247.0	3025
1218	$NaCl-NaNO_3-NaOH$	4.2–40.2–55.6	247.0	2836
1219	$NaF-SnF_2$	43	248.0	1306
1220	$NaCl-NbCl_4$	33	248.0	791
1221	$AlCl_3-TlCl$	40.6	248.0	1157
1222	$CsNO_2-Sr(NO_2)_2$	82.3 APP	248.0	1020
1223	Na_2S-S	21.0	248.0 ±2	2932
1224	$AgI-TeI_4$	16	248.0	3022
1225	$Ba(NO_3)_2-BaSO_4-LiNO_3$	1–1–98	248.0	2906
1226	$RbCl-ZnCl_2$	47.5	249.0	1918
1227	$AlCl_3-KCl-LiCl$	48–48–4	249.0 APP	2975
1228	$As_2Se_3-Tl_2Se$	72	249.0 ±3	3224
1229	$AgCl-HgCl$	57.4	250.0	655
1230	$InCl_2-TlCl$	84 APP	250.0 APP	1462
1231	$AgCl-LiCl-LiNO_3$	0.5–12–87.5	250.0	399
1232	$K_2UCl_6-LiCl-Li_2UCl_6$	34.1–26.9–39	250.0 ±2	2865
1233	$KI-KOH$	27	250.0	3193
1234	$LiNO_3-Pb(NO_3)_2$	96.5	250.2	1943
1235	$Ba(NO_3)_2-LiNO_3$	2.8	250.4	1942
1236	$KNbCl_6-NbOCl_3$	78.4	251.0	2086
1237	$AgCl-RbCl$	60	251.0	61 62 2046
1238	$SnCl_2-TlCl$	44	251.0	2061
1239	$Ba(NO_3)_2-LiNO_3$	2.8	251.0	993
1240	$LiNO_3-Sr(NO_3)_2$	98.5	251.3	1942
1241	$AgCl-CuCl$	45.7	252.0	850
1242	$LiNO_3-Li_2SO_4$	1.26	252.0	511
1243	$Ba(NO_2)_2-Ba(NO_3)_2$	94	252.0	1163
1244	$Ba(NO_3)_2-LiNO_3$	2.6	252.0	833
1245	$Mg(CHO_2)_2-NaCHO_2$	21	252.0	2794
1246	$NaF-SnF_2$	92	253.0	1306
1247	$CdBr_2-CsBr-KBr$	37–12.3–50.7	253.0	2527
1248	$CdI_2-PbBr_2-PbI_2$	12.7–56.4–30.9	253.0	1676
1249	Na_2S-S	18.6	253.0 ±2	2932
1250	$AgBr-Ag_2SO_4$	69 APP	254.0	3169
1251	$SnCl_2-TlCl$	NA	254.3	2748
1252	$CsCl-NbOCl_3$	40	255.0	1050
1253	$CsCl-TaCl_4$	52	255.0	1007
1254	$KI-MgI_2$	61	255.0	1918
1255	$CuCl-MgCl_2-PbCl_2$	57–5–38	255.0 ±3	2694
1256	NpF_4-TlF	14	255.0	2994
1257	$Ba(NO_2)_2-Ba(NO_3)_2$	94	255.0	3039
1258	$Mg(C_2H_3O_2)_2-NaC_2H_3O_2$	42.5	255.0	2794
1259	$Ba(NO_2)_2-Ca(NO_2)_2$	89	255.0	2804
1260	$Mg(C_2H_3O_2)_2-NaC_2H_3O_2$	60	256.0	2794
1261	$NaF-SnF_2$	57	258.0	1306
1262	$AgCl-CsCl$	72	258.0	719
1263	$AgCl-CuCl$	48.9	258.0	850
1264	$CuCl-PbCl_2$	NA	258.0	3150
1265	$NaNO_3-NaOH$	18.5	258.0	3211

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C		References	
1266	LiBr–RbBr	59	259.0	430		
1267	NaF–SnF_2	72	260.0	1306		
1268	$FeCl_2$–$InCl_3$–NaCl	10–45–45	260.0	2466		
1269	AgCl–CuCl	46	260.0	61	62	715
1270	$InCl_3$–TlCl	48	260.0	873		
1271	$InCl_3$–$ZnCl_2$	8	260.0	1478		
1272	$CdCl_2$–TlCl–TlI	15.3–54.2–30.5	260.0	790		
1273	KBr–LiBr–RbBr	WORK IN PROGRESS	260.0 APP	2442		
1274	NaBr–$PbBr_2$–PbI_2	11.3–53.8–34.9	260.0	1995		
1275	$PbBr_2$–PbI_2	53	260.0	948		
1276	$PbBr_2$–PbI_2	63	260.0	1995		
1277	NaBr–NaOH	77.7	260.0	512		
1278	KI–LiI	36.9	260.0	1968		
1279	$NaBO_2$–NaOH	15	260.0	1295		
1280	$ReCl_3$–$ReCl_5$	15	260.0	2683		
1281	CuI–TeI_4	23 APP	260.0	3022		
1282	$CaBr_2$–LiBr–RbBr	3.1–55.7–41.2	260.0	2770		
1283	K_2UCl_6–Li_2UCl_6–UCl_4	32.9–41.1–26.0	260.0 ±2	2865		
1284	$PbCl_2$–$ZnCl_2$	9.1	261.0	964		
1285	$CdCl_2$–$ZnCl_2$	0 APP	261.5	1918		
1286	$CdCl_2$–$ZnCl_2$	1	262.0	964	965	
1287	LiCl–LiOH	37	262.0	683		
1288	CsBr–LiBr	37.5	262.0	1121		
1289	$AlBr_3$–RbBr	49	262.0	2265		
1290	$InBr_3$–RbBr	55	262.0	3101		
1291	$FeCl_3$–TlCl	26	262.0	3133		
1292	LiCl–LiOH	37	262.0	3188		
1293	$Na_2Cr_2O_7$–$NaNO_3$	45.4	262.0	3190		
1294	CsCl–$ZnCl_2$	42.5	263.0	1918		
1295	CuCl–$FeCl_3$	39.6	263.0	63		
1296	Na_2CO_3–Na_2O–NaOH	6.5–7.4–86.1	263.0	1138		
1297	$Ba(NO_2)_2$–$TlNO_2$	97	263.0	910		
1298	CuCl–$FeCl_3$	NA	263.0	3138		
1299	KI–NaCNS	17.9	263.6	1940		
1300	$HgCl_2$–NaCl	86	264.0	513		
1301	AgCl–AgI	53.5	264.0	616		
1302	KI–LiCl–LiI	WORK IN PROGRESS	264.0 APP	2442		
1303	AgBr–KI	80.3	264.0	1918		
1304	AgCl–AgI	53.5	264.0	3113		
1305	$HgCl_2$–NaCl	86	264.0	3151		
1306	$K_2Cr_2O_7$–KNO_3	35.7	264.0	3190		
1307	KCl–LiCl–RbCl	WORK IN PROGRESS	265.0 APP	2442		
1308	$HgCl_2$–$InCl_3$	98	265.0	1478		
1309	$Ca(NO_3)_2$–LiCl	40.85	265.0	1239		
1310	KI–LiBr–LiI	WORK IN PROGRESS	265.0 APP	2442		
1311	$MnCl_2$–$ZnCl_2$	2	266.0	61		
1312	$Ba(NO_2)_2$–KNO_2	93.2	266.0	2123		
1313	LiI–TeI_4	3	266.0	3022		
1314	KBr–LiBr–NaBr–RbBr	NA	266.0	2870		
1315	$NaNO_3$–NaOH	41	266.0	3211		
1316	LiCl–NH_4Cl	50	267.0	61	224	
1317	$CdCl_2$–NH_4Cl	53	267.0	3250		
1318	$AlBr_3$–RbBr	48	267.0	2470		
1319	$Ca(NO_3)_2$–$CsNO_2$	63.5	267.0	1209		
1320	KNO_3–$Sr(NO_3)_2$	63.1	267.0	1237		
1321	KNO_3–$Sr(NO_3)_2$	71.9	267.0	1892		
1322	$TeBr_4$–TeI_4	20	267.0 SER SOLID SOL	2764		
1323	$TeBr_4$–$TeCl_4$–TeI_4	20–0–80	267.0 SER SOLID SOL	2764		

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References	
1324	$LiCl-NH_4Cl$	50	267.0	3147	
1325	$CdCl_2-NH_4Cl$	53	267.0	3147	
1326	$CsCl-ZnCl_2$	20.1	268.0	1918	
1327	$LiCl-LiOH$	42	268.0	1029	
1328	$KBr-LiBr-RbBr$	9–57–34	268.0	2111	
1329	$SnBr_2-TlBr$	51.9	268.0	2748	
1330	$NaBeF_3-NaPO_3$	60	270.0 APP	1412	1678
1331	$NaCl-TaCl_4$	55	270.0	1027	
1332	$NaCl-ZnCl_2$	42	270.0	121	140
1333	$CdCl_2-TlI$	27.0	270.0	790	
1334	$KCl-PbCl_2-PbI_2$	31.2–27.8–40.9	270.0	512	
1335	$Ca(ClO_4)_2-NaClO_4$	55	270.0	325	
1336	BaF_2-FeF_2	33	270.0	2991	
1337	$CaBr_2-CsBr-LiBr$	1.0–39.4–59.6	270.0	2759	
1338	$BeCl_2-CsCl$	59.4	270.0	2742	
1339	$SrCl_2-ZnCl_2$	NA	270.0	3166	
1340	$Bi-CdTe$	99.992	270.5	2618	
1341	$MgCl_2-ZnCl_2$	1	271.0	61	156
1342	$KNO_3-Sr(NO_3)_2$	85.6	271.7	1942	
1343	$InCl_3-NaCl$	49	272.0	855	
1344	$CsNO_3-Sr(NO_3)_2$	76.9	272.0	1238	
1345	$AgCl-HgCl_2$	16.5	272.0	3113	
1346	$CsCl-TaCl_3$	54	273.0	1019	
1347	$LiBr-RbBr$	55	273.0	430	
1348	$LiCl-LiOH$	34.5	274.0	1029	
1349	$NaNO_3-Pb(NO_3)_2$	84.5	274.2	1943	
1350	$CsCl-WCl_5$	2 APP	275.0	1051	
1351	$LiBr-LiOH$	55	275.0	511	
1352	$CsNO_3-Sr(NO_3)_2$	75	275.0	1998	
1353	$KNO_3-Sr(NO_3)_2$	85	275.0	1998	
1354	$CuCN-KCN$	41	275.0	3111	
1355	$LiBr-LiOH$	55	275.0	3202	
1356	$InCl_3-ZnCl_2$	4	276.0	397	
1357	$TaCl_5-TlCl$	36	276.0	2241	
1358	$CdCl_2-CdI_2-PbI_2$	33–13–54	276.0	282	
1359	$AgBr-PbBr_2$	NA	276.0	2430	
1360	$AgBr-PbBr_2$	54	276.0	512	
1361	$AgCl-PbCl_2-TlCl$	37–55–8	276.0	2651	
1362	$CsBr-LiBr$	36.5	276.0	2759	
1363	$KBr-RbNO_3$	.5	276.0	2900	
1364	$RbCl-ZnCl_2$	37	277.0	1918	
1365	$KCl-LiCl-PbCrO_4$	36.3–50–13.6	277.0	1054	
1366	$CdBr_2-KBr-PbBr_2$	24–52–24	277.0	219	
1367	$BeCl_2-RbCl$	54.8	277.0	3102	
1368	$KF-SnF_2$	45	278.0	1306	
1369	$HgCl_2-LiCl$	98.4	278.0	513	
1370	$CsI-PbCl_2-PbI_2$	23.8–28.6–47.6	278.0	2198	
1371	$KCl-KI-PbI_2$	4.8–33.2–61.9	278.0	371	
1372	$NaCl-NaNO_3-Na_2SO_4$	8.4–86.3–5.3	278.0	512	
1373	$KBr-LiBr-PbBr_2$	43–40.7–16.3	278.0	885	
1374	$Na_2MoO_4-NaNO_2$	2 APP	278.0	2729	
1375	$HgCl_2-LiCl$	98.4	278.0	3151	
1376	$NaNO_2-Na_2WO_4$	98 APP	279.0	2729	
1377	$NaCNS-RbI$	88.5	279.2	1940	
1378	$KF-SnF_2$	56	280.0	1306	
1379	$CuCl-PbCl_2$	59.1	280.0	512	
1380	$Ba(NO_3)_2-NaCl-NaNO_3$	5.8–7.9–86.2	280.0	512	
1381	$KCl-LiCl-LiOH$	11.5–45.0–43.5	280.0	683	

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
1382	$CdBr_2$–NaBr–$PbBr_2$	13–25–62	280.0	211
1383	$CdBr_2$–KBr–$PbBr_2$	17–11–72	280.0	219
1384	NaOH–Na_2S	95.7	280.0	1420
1385	As_2Se_3–As_2Te_3	47	280.0	2642
1386	CuCN–KCN	76	280.0	3111
1387	CuCl–$PbCl_2$	51	280.0	3138
1388	KCl–KH_2PO_4	5.5	280.0	3187
1389	KCl–LiCl–LiOH	11.5–45–43.5	280.0	3188
	[See locator number 6189.]		280.4	
1390	KI–LiCl–LiF	WORK IN PROGRESS	281.0 APP	2442
1391	$HgCl_2$–$PbCl_2$	100 APP	281.0 APP	1072
1392	$NaNO_3$–TlCl	91	281.0	1170
1393	NaCl–$NaNO_2$	1.1	281.0	61
1394	CsCl–$NbCl_4$	43 APP	282.0	387
1395	NaCl–Na_2CO_3–NaOH	7.8–6.4–85.8	282.0	213
1396	KBr–LiBr–$PbBr_2$	43.6–30.8–25.6	282.0	885
1397	$PbBr_2$–$ZnBr_2$	60	282.0	2120
1398	CuCl–$ZnCl_2$	12	283.0	190
1399	KCl–LiCl–LiOH	1.5–36.5–62.0	283.0	683
1400	Na_2CO_3–NaOH	7.2	283.0 ±1	1138
1401	$CdBr_2$–$KC_2H_3O_2$	11.5	283.0	2728
1402	KCl–LiCl–LiOH	1.5–36.5–62	283.0	3188
1403	RbCl–$TaCl_4$	53 APP	284.0 APP	1007
1404	CuCl–CuI	57	284.0	61
1405	$CdBr_2$–NaBr–TlBr	25–2.5–72.5	284.0	2472
1406	$CsNO_2$–$Sr(NO_2)_2$	40 APP	284.0	1020
1407	KBr–NaCNS	9.1	284.6	1940
1408	NaCNS–RbBr	91.3	284.9	1940
1409	$CdCl_2$–CsCl–TlBr	26.6–7.6–65.8	285.0	2562
1410	CdI_2–NaCl–NaI	36.2–36.2–27.5	285.0	321
1411	LiCl–Li_2SO_4–$ZnCl_2$	23–0.44–76.5	285.0	425
1412	AgBr–KBr	68	285.0	61 62 87 112 162 376 738 803
1413	KNO_3–$NaNO_2$	45.5	285.0	2122
1414	$CsNO_3$–$RbNO_3$	14	285.0	3251
1415	ThF_4–TlF	10	285.0	2713
1416	NaOH–Na_2S	99.5	285.0	2967
1417	CsCl–$ZrCl_4$	32.8	286.0	83
1418	AgCl–$CdCl_2$–$PbCl_2$	39.7–23.7–36.6	286.0	512 665
1419	AgBr–KBr	69	286.0	61 62 87 112 162 376 738 803
1420	$PbCl_2$–$ZnCl_2$	23	286.0	3029
1421	AgI–NaI–$NaNO_3$	0.5–14–85.5	286.0	3115
1422	Ag_2SO_4–KNO_3	9.8	286.1	2646
1423	CsBr–NaCNS	7.9	286.3	1940
1424	LiBr–NaCNS	8.7	286.8	1940
1425	$Ba(NO_3)_2$–KNO_3	12.4	287.0	1942
1426	$Ba(NO_3)_2$–KNO_3	12.5	287.0	1237
1427	$Ba(NO_3)_2$–KNO_3	12.7	287.0	993
1428	$Ba(NO_3)_2$–KNO_3	13.3	287.0	1252
1429	CdI_2–NaI	53	287.0	3140
1430	NaCNS–NaI	83.7	287.5	1940
1431	$CdBr_2$–TlCl	23.8	288.0	2297
1432	$CsNO_3$–$RbNO_3$	20 APP	288.0	2790
1433	KBr–LiBr–$PbBr_2$	15–18.3–66.6	289.0	885
1434	CsBr–NaBr–$PbBr_2$	7.9–15.8–76.2	289.0	1793
1435	$CdCl_2$–NaCl–TlCl	22–4–74	290.0	480
1436	KCl–$NbCl_5$–$ZrCl_4$	51–47–2	290.0	874

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
1437	$CdCl_2$–CsCl–TlCl	21.2–3.6–75.1	290.0	2562
1438	$CdCl_2$–TlCl	22.7	290.0	790
1439	$GaCl_3$–TlCl	32	290.0	1016
1440	AgCl–Ag_2SO_4–Li_2SO_4	NA	290.0	440
1441	$CdCl_2$–$CdSO_4$–TlCl	16–7.4–76.5	290.0	392
1442	AgBr–KBr	51	290.0	61 62 87 112 162 376 738 803
1443	$Ca(NO_2)_2$–$RbNO_2$	56.2	290.0	1897
1444	$CsNO_3$–$RbNO_3$	15 APP	290.0 APP	1486
1445	KCl–NaCl–$ZnSO_4$	25–20–55	290.0	2726
1446	NaI–SnI_2	22	290.0	2733
1447	LiCl–Li_2SO_4–RbCl	58.2–1.3–40.5	290.0	2763
1448	CsCl–LiCl–RbCl	5–56.5–38.5	290.0	2819
1449	KCl–NaCl–$ZnSO_4$	33–33.5–33.5	290.0	2897
1450	AgCN–KCN	14	290.0	3111
1451	AgBr–KBr	51	290.0	3116
1452	LiCl–LiOH	NA	290.0	3202
1453	NaCl–Na_2CO_3–NaOH	6–6.6–87.3	291.0	213
1454	KNO_3–$RbNO_3$	30	291.0	1082
1455	$BeCl_2$–$PbCl_2$	53	292.0	512
1456	$InCl_3$–TlCl	50	292.0	992
1457	$CdBr_2$–CsCl–TlBr	27.4–10.2–62.4	292.0	2562
1458	$CdBr_2$–KBr–NaBr	35–52–13	292.0	210
1459	Cs_2CO_3–CsOH	10.3	292.0	1024
1460	$BeCl_2$–CsCl	75.0	292.0	2742
1461	$BeCl_2$–$PbCl_2$	47	292.0	3128
1462	Li_2SO_4–$ZnCl_2$–$ZnSO_4$	0.7–90.3–9.0	293.0	425
1463	NaCl–Na_2SO_4–NaCNS	4.2–1.0–94.8	293.0	246
1464	NaOH–Na_2SO_4	95.3	293.0	1420
1465	$CdBr_2$–$Na_2C_2H_3O_2$	25	293.0	2728
1466	NaBr–$NaNO_3$	9.5	293.0	3205
1467	NaCNS–RbCl	94.4	293.4	1940
1468	$NaNO_3$–$Sr(NO_3)_2$	93.6	293.4	1942
1469	CsCl–NaCNS	5.3	293.6	1940
1470	LiCl–$ZnCl_2$	23	294.0	425
1471	LiCl–NaCNS	6	294.0	1940
1472	$Ba(NO_3)_2$–$NaNO_3$	6.4	294.0	993
1473	KCl–NaCNS	5.2	294.1	1940
1474	$NaNO_3$–$Sr(NO_3)_2$	93	294.9	1998
1475	KF–NaF–KNO_3	7–2.5–90.5	295.0	381
1476	$CdCl_2$–$PbCl_2$–PbI_2	31.5–37–31.5	295.0	282
1477	KCl–$ZnSO_4$	66.6	295.0	327
1478	$CdBr_2$–KBr–TlBr	28.2–24.3–47.4	295.0	2329
1479	$CdBr_2$–$PbBr_2$–TlBr	16–29.9–54	295.0	2469
1480	NaI–$PbBr_2$	22.2	295.0	1995
1481	$K_2S_2O_7$–V_2O_5	92	295.0	2585
1482	$Ba(NO_3)_2$–$NaNO_3$	5.8	295.0	1942
1483	$CdCl_2$–CsBr–TlBr	26.6–2.6–70.8	295.0	3004
1484	As_2S_3–In_2S_3	98 APP	295.0 ±5	2761
1485	$BeCl_2$–KCl–YCl_3	62–24–14	295.0	2739
1486	$CdCl_2$–TlBr	25.8	296.0	2297
1487	NaI–$NaNO_3$	14	296.0	1100
1488	Na_2MoO_4–$NaNO_3$	2 APP	296.0	2729
1489	NaBr–NaCNS	9.4	296.1	1940
1490	CsCl–LiCl–LiF	38–59.5–2.5	297.0	1223
1491	NaCl–$NaNO_3$	6.5	297.0	1100
1492	$CdBr_2$–KBr	36	297.0	72 210 219 923
1493	$CdBr_2$–KBr–$PbBr_2$	38–31–31	297.0	219

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C		References		
1494	KCl–LiCl–NaCl–RbCl	18.3–50.4–8.0–23.3	297.0	3088			
1495	$FeCl_2$–$FeCl_3$	13.5	297.5	721			
1496	$CdCl_2$–CdF_2–NaF	46.3–9.3–44.4	298.0	2468			
1497	$CdCl_2$–NaF	55 APP	298.0 ±5	26			
1498	KF–KNO_3	9	298.0	381			
1499	CsCl–LiCl–$SrCl_2$	39.8–58.2–2.0	298.0	2008			
1500	KCl–$NbCl_4$	40 APP	298.0	791			
1501	$CdCl_2$–TlCl	29.5	298.0	2506			
1502	NaCl–$NaNO_3$	5	298.0	61	62		
1503	KCl–$KClO_3$–KNO_3	6.9–18.6–74.5	298.0	661			
1504	$CdBr_2$–$PbBr_2$–TlBr	17.6–72.8–9.5	298.0	2469			
1505	KBr–PbI_2	47.3	298.0	948			
1506	$Ba(NO_3)_2$–$NaNO_3$	6.4	298.0	894			
1507	$NaNO_3$–Na_2WO_4	98 APP	298.0	2729			
1508	SnI_2–SnS	85 APP	298.0	2997			
1509	$CdBr_2$–KBr	37	299.0	2071			
1510	$KBeF_3$–KPO_3	80 APP	300.0	1413			
1511	$KBeF_3$–KPO_3	80	300.0 APP	3245			
1512	$BeCl_2$–LiCl	56	300.0	512			
1513	KCl–UCl_4	57	300.0	1394			
1514	RbCl–$TaCl_5$	55	300.0	1019			
1515	$CdCl_2$–TlCl	27	300.0	711			
1516	$CdCl_2$–$ZnCl_2$	8	300.0	511			
1517	$FeCl_3$–$ZrCl_4$	85.18	300.0	794			
1518	CdI_2–TlCl	33.3	300.0	790			
1519	$ZnCl_2$–$ZnSO_4$	90	300.0	425			
1520	$CdBr_2$–KBr	37	300.0	72	210	219	923
1521	KBr–KOH	25	300.0	511			
1522	$NaNO_3$–Na_2SO_4	95.5	300.0	511			
1523	Rb_2SO_4–$RbNO_3$	1.5	300.0	2529			
1524	$CdCl_2$–In_2Cl_3	9	300.0	2705			
1525	$BeCl_2$–KCl	48	300.0	2978			
1526	$FeCl_3$–$ZrCl_4$	94	300.0 ±2	3020			
1527	$FeCl_3$–$HfCl_4$	62	300.0 ±2	3020			
1528	$BeCl_2$–KCl	47.9	300.0	3048			
1529	RbCl–TlCl–TlI	NA	300.0	2757			
1530	LiBr–RbBr	54	300.0	2770			
1531	AgBr–$TeBr_4$	20	300.0	2875			
1532	RbBr–$RbNO_3$	1	300.0	2900			
1533	$BeCl_2$–LiCl	56	300.0	9559			
1534	$BeCl_2$–TlCl	NA	300.0 APP	3128			
1535	$K_2Cr_2O_7$–$Na_2Cr_2O_7$	42.5	300.0	3190			
1536	KBr–KOH	25	300.0	3193			
1537	Na_2CrO_4–$NaNO_3$	5 APP	300.0	3210			
1538	NaCl–NaCNS	6	300.3	1940			
1539	$CdCl_2$–CdF_2–NaF	49.4–3.8–46.7	301.0	2468			
1540	Na_2CrO_4–$NaNO_3$	5 APP	301.0	3209			
1541	CsCl–$HfCl_4$	34.9	302.0	83			
1542	NaCl–NaCNS	4.8	302.0	246	291		
1543	$CdBr_2$–$PbBr_2$–TlBr	27.4–43.6–29	302.0	2469			
1544	$BaSO_4$–LiCl–RbCl	1–57–42	302.0	2793			
1545	$CdBr_2$–$PbBr_2$–TlBr	20.3–19.6–60.1	303.0	2469			
1546	KBr–K_2CrO_4–LiBr	15.3–8.9–75.8	303.0	1938			
1547	$Na_2Cr_2O_7$–$Rb_2Cr_2O_7$	78	303.0	1112			
1548	$NaBF_4$–NaF	61.1	304.0	1039			
1549	NaF–$NaNO_3$	3.5	304.0	381			
1550	AgCl–Ag_2SO_4	69.3	304.0	208	440		
1551	$CdSO_4$–TlCl–Tl_2SO_4	19.7–72.6–7.6	304.0	392			

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References					
1552	$KBr-NaBr-PbBr_2$	7.9–16.7–75.4	304.0	2498					
1553	$CdBr_2-KBr$	38	304.0	965					
1554	$AgCl-Ag_2SO_4$	69	304.0	3124					
1555	$CuCl-FeCl_3$	NA	304.0	3138					
1556	$KF-SnF_2$	77	305.0	1306					
1557	$CuCl_2-FeCl_2$	48.5	305.0	1830					
1558	$CdBr_2-KBr$	37	305.0	1918					
1559	CdI_2-SnI_2	30	305.0	2692					
1560	$As_2S_3-Na_2S$	85 APP	305.0 ±5	3091					
1561	$AgCl-Ag_2SO_4-CdSO_4$	68–1–31 APP	305.0	3112					
1562	KNO_3-TlCl	88.9	305.5	1170					
1563	$BeCl_2-BeF_2$	27.5	306.0	1918					
1564	$CsCl-LiCl$	40.5	306.0	1223					
1565	$AgCl-KCl$	70	306.0	61 477	62 616	85 675	87 738	110	376
1566	$PbCl_2-PbI_2$	24	306.0	965					
1567	$KBr-PbI_2$	27.6	306.0	948					
1568	$KOH-RbOH$	65.6	306.0	512					
1569	$LiF-NaCNS$	0.6	306.5	1940					
1570	$KBF_3OH-KBF_4$	91.5	307.0	1062					
1571	$CsCl-PbI_2$	23.2	307.0	2198					
1572	$CsBr-KBr-PbBr_2$	11–4.6–84.3	307.0	1796					
1573	$NaI-PbI_2-TlI$	9.1–65.3–25.6	307.0	1126					
1574	$BaCl_2-LiCl-RbCl$	1.2–91.6–7.2	307.0	3074					
1575	$KBr-LiCl-PbBr_2$	13.7–14.6–71.7	308.0	995					
1576	$CdBr_2-CsBr-TlBr$	31.6–9.2–59.2	308.0	2561	2562				
1577	$KF-SnF_2$	92	309.0	1306					
1578	$NaBr-PbBr_2-TlBr$	14–80–6	309.0	52					
1579	$KI-PbBr_2$	44.9	309.0	948					
1580	$K_2CO_3-KOH-LiOH$	3.1–30.9–66	309.0	2526					
1581	$BeCl_2-LiCl$	51 APP	310.0 APP	2507					
1582	$AgCl-PbCl_2$	NA	310.0	2430					
1583	$BeCl_2-TlCl$	55	310.0	512					
1584	$KBr-KCl-LiBr-LiCl$	28.5–9.5–46.5–15.5	310.0	949					
1585	$Li_2SO_4-ZnCl_2$	1	310.0	425					
1586	$KCl-K_2CrO_4-KNO_3$	2.7–1–96.3	310.0	3247					
1587	$Ba(ClO_4)_2-NaClO_4$	43	310.0	196					
1588	$CdBr_2-TlBr$	25	310.0	788					
1589	$BeCl_2-YCl_3$	95–5	310.0	2739					
1590	$NaCl-ZrCl_4$	35.4	311.0	51	83	779			
1591	$AgCl-PbCl_2$	61.5	311.5	1818					
1592	$CsAlCl_4-CsCl-Cs_2NbOCl_5$	75–10–15	312.0	1048					
1593	$CoCl_2-ZnCl_2$	7.3	312.0 ±1	611					
1594	$FeCl_3-InCl_3$	3	312.0	1354					
1595	$CsI-PbCl_2-PbI_2$	18.2–61.4–20.4	312.0	2198					
1596	$CsCl-LiBO_2-LiCl$	43.5–0.5–56	312.0	2291					
1597	$CaCl_2-CsCl-LiCl$	0.5–38.7–60.8	312.0	2759					
1598	$CaBr_2-KBr-LiBr$	6.5–41.5–52	312.0	2818					
1599	$CdCl_2-NH_4Cl$	79	312.0	3147					
1600	$Ba(ClO_4)_2-NaClO_4$	40	313.0	1116					
1601	$CdBr_2-TlBr$	25	313.0	2071					
1602	$CsBr-LiBr$	50.0	313.0	2759					
1603	$CsCl-LiCl$	42.5	314.0	363	2291				
1604	$CuCl-NaCl$	73	314.0	61	62				
1605	$CuCl-NaCl$	74	314.0	64					
1606	$CuCl-NaCl$	75	314.0	715					
1607	$NaCl-ZrCl_4$	37.6	314.0	201					
1608	$AgCl-PbCl_2$	60.02	314.0	30	62	169	195	208	738

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
1609	KBr–KCl–LiBr–LiCl	21.3–37.7–34.8–6.1	314.0	949
1610	KBr–LiCl–$PbBr_2$	42.6–24–33.3	314.0	995
1611	NaCl–NaOH	6.3	314.0	1199
1612	$Ba(ClO_4)_2$–$Ca(ClO_4)_2$	43	314.0	1116
1613	KNO_3–K_2WO_4	94.2	314.0	2295
1614	AgCl–$PbCl_2$	40	314.0	2651
1615	AgCl–KCl	72	314.0	3090
1616	LiCl–RbCl	58.5	314.0	2763
1617	$AlCl_3$–RbCl	46 APP	315.0 APP	2284
1618	$SnCl_2$–TlCl	24	315.0	2061
1619	AgBr–KCl	76	315.0 APP	1379
1620	AgCl–KCl–KNO_3	0.39–5.61–94.0	315.0	376
1621	$CdBr_2$–CsI	45.5	315.0	1010
1622	Cs_2CrO_7–$Na_2Cr_2O_7$	21	315.0	1112
1623	TlF–YF_3	95	315.0	2958
1624	CsCl–LiCl	39	315.0	2759
1625	CuCl–NaCl	75	316.0	2254
1626	$InCl_3$–NaCl	78	316.0	397 1193
1627	$InCl_3$–KCl	47.5	316.0	992
1628	$CdBr_2$–CsCl–TlBr	21.9–32.9–45.1	316.0	2562
1629	KBr–LiCl–$PbBr_2$	45.4–31.9–22.7	316.0	995
1630	TlCl–TlI	52.5	316.0	790
1631	$CdSO_4$–TlCl	52.7	316.0	392
1632	KNO_3–K_2WO_4	92 APP	316.0	2729
1633	TlCl–TlI	52	316.0	2757
1634	$Na_2Cr_2O_7$–$Rb_2Cr_2O_7$	25	317.0	1112
1635	LiCl–RbCl	58.3	318.0	160
1636	AgCl–KCl	70	318.0	61 62 85 87 110 376 477 616 675 738
1637	CsCl–$PbBr_2$	12.2	318.0	1994
1638	Li_2CrO_4–LiOH	29	318.0	942
1639	K_2MoO_4–KNO_3	8 APP	318.0	2729
1640	KBr–LiBr	60	318.0	2926
1641	KF–NaF–TiF_4	18.3–30.2–51.5	318.0	3028
1642	KCl–KNO_3–K_2SO_4	16.75–82.25–1	318.0	3196
1643	AgCl–KCl	70	319.0	2046
1644	$Ca(NO_3)_2$–K_2CrO_4–KNO_3	0.13–0.7–99.18	319.0	546
1645	BeF_2–NaF–ThF_4	43–55–2	320.0	1260
1646	$BaCl_2$–KCl–LiCl	5.43–40.92–53.65	320.0	1166
1647	$BaCl_2$–KCl–LiCl	6.38–39.36–54.26	320.0	128
1648	KCl–LiCl–$PbCl_2$	39.2–33.6–27.1	320.0	884
1649	$CdCl_2$–KCl–$PbCl_2$	42.5–19–38.5	320.0	322 394
1650	$CdCl_2$–KCl–$PbCl_2$	43–22–34.8 APP	320.0	1147
1651	$CuCl_2$–KCl	38	320.0	38
1652	$CsAlCl_4$–Cs_2NbOCl_5	79.5	320.0	1048
1653	AgCl–KBr	75	320.0 APP	1379
1654	KCl–LiBr–NaBr	38–55–7	320.0	949
1655	$CaCl_2$–$LiNO_3$	40.3	320.0	3248
1656	KCl–KNO_3	6	320.0	341 376 661
1657	$CdBr_2$–CsBr–NaBr	53.8–20–26.1	320.0	1854
1658	$CdBr_2$–RbBr	40	320.0	2071
1659	KI–$PbBr_2$	13.1	320.0	948
1660	KBr–KNO_3	9.5	320.0	3232
1661	$Ca(NO_2)_2$–$CsNO_3$	84	320.0	1209
1662	KCl–LiCl–Li_2CrO_4	33.2–38.0–28.8	320.0	2989
1663	KBr–LiBr–Li_2CrO_4	28.2–56.5–15.3	320.0	2989
1664	KCl–$ThCl_4$–UCl_4	NA	320.0 ±2	3097
1665	CuBr–$TeBr_4$	18 APP	320.0	2875

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
1666	AgI–TlI	30	320.0	3117
1667	Ag_2SO_4–TlI	72	320.0	3117
1668	KCl–KNO_3	6	320.0	3187
1669	$CdCl_2$–LiCl–$PbCl_2$	31.4–18.2–50.5	321.0	870
1670	KCl–LiCl–$PbCl_2$	43.2–42.6–14.2	321.0	884
1671	KI–PbI_2	31.9	321.0	948
1672	KI–PbI_2–TlI	4.5–81–14.5	321.0	2857
1673	KBF_3OH–KF	98.7	322.0	1062
1674	CuCl–NaCl	73	322.0	640
1675	LiBr–$PbBr_2$	20.9	322.0	835 885 2027
1676	$CdBr_2$–RbBr	54	322.0	2071
1677	SbI_3–Sb_2S_3	24	322.0	1904
1678	AgI–ZnI_2	53	322.0	2816
1679	KBr–LiBr	38.5	322.5	985
1680	CsCl–LiCl	40.7	323.0	160
1681	$CdCl_2$–NaCl–$PbCl_2$	36–18–46	323.0	786
1682	CsBr–$PbBr_2$	19.8	323.0	1994
1683	KNO_2–KNO_3	20	323.0	917
1684	KI–PbI_2–TlI	6–62–32	323.0	2857
1685	$CdCl_2$–KCl–LiCl	22.7–46.6–30.7	324.0	880
1686	$CdCl_2$–CsCl–TlBr	20.5–26.5–53	324.0	2562
1687	KCl–LiCl–Li_2SO_4	38.9–57.1–3.9	324.0	133
1688	KBr–LiBr–NaBr	35–57.5–7.5	324.0	831
1689	NaBr–$PbBr_2$	17.7	324.0	211
1690	NaBr–$PbBr_2$	18	324.0	52 285
1691	$CdCl_2$–CsBr–TlBr	25.8–25.2–49.0	324.0	3004
1692	CuCN–KCN	58	324.0 APP	3111
1693	$CaCrO_4$–KNO_3	1 APP	324.0	3174
1694	$NaBF_4$–NaF	60 APP	325.0 APP	217
1695	AgCl–KCl	75	325.0	61 62 85 87 110 376 477 616 675 738
1696	$CuCl_2$–KCl	30	325.0	38
1697	$KNbCl_6$–$KNbOCl_4$	84.2	325.0	2086
1698	B_2O_3–ThO_2	98 LT	325.0 LT	937
1699	Cs_2CrO_4–$K_2Cr_2O_7$	50	325.0	2262
1700	NaCl–$PuCl_3$–$ThCl_4$	46.5–18.5–35	325.0	3105
1701	LiCl–$PbCl_2$–$ThCl_4$	40–36–24	325.0 ±2	3043
1702	$PbBr_2$–RbBr	88 APP	325.0	3163
1703	K_2CrO_4–KNO_3	1 APP	325.0	3174
1704	KCl–$PbCl_2$–$ZnCl_2$	52–18–30	326.0	682
1705	$CdCl_2$–TlCl	22.7	326.0	392 480
1706	$PbCl_2$–PbI_2	35	326.0	167 511
1707	CsCl–LiCl–Li_2SO_4	44.3–53.9–1.7	326.0	363
1708	LiCl–Li_2SO_4–TlCl	34.2–0.5–65.3	326.0	356
1709	$CdBr_2$–PbI_2	37	326.0	1676
1710	K_2CO_3–KNO_3	3.7	326.0	3186
1711	BeF_2–KF	58	327.0	1179
1712	$BeCl_2$–$CdCl_2$	85	327.0	512
1713	KCl–LiBr	39	327.0	836 949
1714	NaI–PbI_2–TlI	5.5–43.9–48.9	327.0	1126
1715	$Cs_2Cr_2O_7$–$Na_2Cr_2O_7$	74	327.0	1112
1716	$BeCl_2$–$CdCl_2$	85	327.0	3128
1717	KCl–LiCl–$SrCl_2$	40–51.9–8.1	328.0	1274
1718	$CdCl_2$–KCl–$PbCl_2$	21.5–51.8–26.7	328.0	322 394
1719	$MnCl_2$–TlCl	21.5	328.0	1077
1720	AgBr–$PbCl_2$	65 APP	328.0	2430
1721	$CaSO_4$–KCl–LiCl	4.9–38.1–57	328.0	2242
1722	$PbCl_2$–$ThCl_4$–UCl_4	56–25–19	328.0	2886

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
1723	KNO_3–TlBr	97.2	328.5	1170
1724	AgCl–$InCl_3$	32	329.0	397
1725	$CdBr_2$–NaBr–TlBr	42.8–18.6–38.6	329.0	2472
1726	$CdBr_2$–CsI	64.6	329.0	1010
1727	KCl–LiCl–$NbCl_3$	42.3–55.5–2.2	330.0	1479
1728	$HfCl_4$–NaCl	59.4	330.0	83
1729	CuCl–HgCl	56.2	330.0	655
1730	$PbCl_2$–UCl_4	65	330.0	2214
1731	NaCl–$PbCl_2$–PbI_2	9.5–25.7–64.7	330.0	323
1732	Li_2SO_4–TlCl–Tl_2SO_4	1.8–79.5–18.7	330.0	356
1733	KBr–$PbBr_2$	16	330.0	782
1734	KBr–$PbBr_2$	17.3	330.0	948
1735	$AlBr_3$–CsBr	47.5	330.0	2470
1736	$CdBr_2$–CsBr–TlBr	26.6–31.6–41.8	330.0	2561 2562
1737	Na_2CO_3–Na_2SO_4	66.5 APP	330.0 APP	857
1738	NaCl–$PuCl_3$–$ThCl_4$	58.5–18.5–23	330.0	3105
1739	NaCl–$ThCl_4$–UCl_3	46–36.5–17.5	330.0 ±2	2805
1740	NaCl–$PbCl_2$–$ThCl_4$	62–13.5–24.5	330.0	2889
1741	KNO_3–TlBr	98 APP	330.0	3195
1742	$AlCl_3$–$NaNbOCl_4$	30.2	331.0	2086
1743	$AlBr_3$–CsBr	57	331.0	2265
1744	$CaCl_2$–KCl–LiCl	5.3–44.2–50.5	332.0	2119
1745	CsCl–LiCl	41.5	332.0	363
1746	CsCl–LiCl	42	332.0	159
1747	$CdCl_2$–KCl–$PbCl_2$	20.7–52–27.3 APP	332.0	1147
1748	KCl–LiCl–LiF–NaCl	36.8–51.6–3.8–7.8	332.0	2658
1749	KCl–$ThCl_4$–UCl_4	NA	332.0 ±2	3097
1750	$PbCl_2$–$ThCl_4$–UCl_4	64–12–24	332.0	2886
1751	KBr–$MgBr_2$	65	332.5 ±1.5	512
1752	$CdCl_2$–KCl–$PbCl_2$	26.6–33.6–39.7 APP	333.0	1147
1753	LiCl–LiH–LiI	27.5–14.5–58	333.0	2442
1754	KNO_3–K_2SO_4	97.5	333.0	3197
1755	$AlCl_3$–$KNbOCl_4$	40 APP	334.0 APP	2086
1756	TlCl–$ZnCl_2$	78	334.0	450
1757	KBr–LiBr	38	334.0	831 836 2027
1758	KBr–NaBr–$PbBr_2$	37.7–11.3–50.9	334.0	2498
1759	KBr–$MgBr_2$	NA	334.0	3135
1760	KNO_3–K_2SO_4	98.8	334.0	3196
1761	KCl–UCl_4	55	334.9	3246
1762	$FeCl_2$–KCl–$NdCl_3$	40.7–56–3.3	335.0	2497
1763	$AlCl_3$–CsCl	43 APP	335.0 APP	2284
1764	KBr–$PbBr_2$	10	335.0	781
1765	LiCl–NaCl–UCl_4	63.5–14.5–22	335.0 ±2	3106
1766	KCl–LiCl–UCl_3	58.5–29.5–12	335.0 ±2	3106
1767	KCl–$ThCl_4$–UCl_3	60.5–29.5–10	335.0	2805
1768	KCl–K_2UCl_6–LiCl	55.6–14.7–29.7	335.0 ±2	2865
1769	CsI–TlCl	21	336.0	2240
1770	AgCl–Ag_2CrO_4–Li_2CrO_4	74.4–20.5–5.0	336.0	764
1771	$CaCrO_4$–KCl–LiCl	2–40.8–57.2	336.0	1696
1772	CsBr–KBr–$PbBr_2$	7.6–39.7–52.7	336.0	1796
1773	NaCl–$ThCl_4$–UCl_3	56.5–23.5–20	336.0 ±2	2805
1774	CsOH–CsF	92.6	337.0	1959
1775	$CdCl_2$–KCl–LiCl	2.6–42–55.4	337.0	880
1776	CsCl–$SnCl_2$	61.5	337.0	286
1777	KBr–KNO_3	1	337.0	2900
1778	KBr–KNO_3–TlBr	4.5–93.5–1	337.0	3195
1779	CaF_2–KCl–LiCl	1.8–42.2–56	338.0	852
1780	$PbCl_2$–PbI_2	64	338.0	167 511

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
1781	Li_2SO_4–TlCl–Tl_2SO_4	1.2–80.9–17.8	338.0	356
1782	$CdBr_2$–KBr	54	338.0	2071
1783	$PbCl_2$–PbI_2	NA	338.0	3150
1784	BeF_2–NaF–UF_4	43.5–56–.5	339.0	856
1785	K_2CrO_4–Li_2CrO_4–LiOH	10–43–47	339.0	942
1786	BeF_2–NaF	44.3	340.0	2394
1787	BeF_2–NaF	64	340.0	1042
1788	BeF_2–KF	62	340.0 ±5	310
1789	$CaCl_2$–KCl–LiCl	5.8–43.3–50.9	340.0	98
1790	$CeCl_3$–NaCl–$ThCl_4$	2.6–67.4–30.0	340.0	54
1791	$CdCl_2$–KCl–$PbCl_2$	25.2–53.1–21.3 APP	340.0	1147
1792	$FeCl_2$–KCl	39.8	340.0	2497
1793	AlOCl–$NbOCl_3$	37.4	340.0	2565
1794	TlCl–$ZnCl_2$	73	340.0	450
1795	$CdCl_2$–$PbBr_2$	20	340.0	284
1796	KBr–LiCl–NaCl	35–57.5–7.5	340.0	949
1797	CsCl–TlI	33	340.0	2240
1798	$CdBr_2$–$PbBr_2$	15	340.0	219 284 1676
1799	NaI–PbI_2–TlI	7.2–20.5–72.2	340.0	1126
1800	LiCl–NaCl–UCl_4	36–22.5–41.5	340.0 ±2	3106
1801	NaSb–Na_3Sb–Na_3SbS_3	NA	340.0	3225
1802	KCl–$ThCl_4$–UCl_4	NA	340.0 ±2	3097
1803	$BeCl_2$–KCl–YCl_3	11–46–43	340.0	2739
1804	$CoBr_2$–$TeBr_4$	15	340.0	2841
1805	$MgCl_2$–$PbCl_2$–UCl_4	4–61–35	340.0 ±2	2868
1806	LiCl–LiF–LiI	29.1–11.7–59.2	340.9	2711
1807	CsI–PbI_2	19.8	341.0	2198
1808	LiCl–LiF–LiI	29.1–11.7–59.2	341.1	2442
1809	KCl–UCl_4	50	341.1	4446
1810	$BaCl_2$–$CdCl_2$–KCl–LiCl–NaCl	1.4–52.7–17.9–9.4–8	342.0 ±3	932
1811	LiCl–TlCl	38	342.0	710
1812	$CaCrO_4$–KCl–LiCl	2.8–39.8–57.3 APP	342.0	1458
1813	LiBr–TlBr	41.5	342.0	887
1814	NaCl–$ThCl_4$–UCl_4	NA	342.0 ±2	3097
1815	KI–PbI_2–TlI	11–52–37	342.0	2857
1816	NaCl–$PbCl_2$–$ThCl_4$	46–18–36	342.0	2889
1817	BeF_2–NaF	44	343.0	1042
1818	$AlCl_3$–CsCl–$TaCl_5$	35–57.9–7.1	343.0	240
1819	KCl–$LiBO_2$–LiCl	41–1.5–57.5	343.0	2291
1820	NaBr–$PbBr_2$–TlBr	8–45–47	343.0	52
1821	$AlCl_3$–CsCl	45.7	344.0	240
1822	$CdCl_2$–CsCl–TlBr	11.7–36.9–51.4	344.0	2562
1823	$CdCl_2$–CdI_2–NaCl	24.4–63.4–12.2	344.0	321
1824	$CdBr_2$–$TeBr_4$	45 APP	344.0	2841
1825	BeF_2–NaF–UF_4	56–43.5–.5	345.0	856
1826	$CeCl_3$–NaCl–$ThCl_4$	4.0–60.6–35.4	345.0	54
1827	KCl–$KClO_3$	13.1	345.0	661
1828	$CdBr_2$–KBr	54	345.0	1918
1829	$CdBr_2$–KBr	54.5	345.0	965
1830	KCl–$ThCl_4$–UCl_3	45–30–25	345.0	2805
1831	CuCN–NaCN	74	345.0	3111
1832	BeF_2–KF	72	346.0	1179
1833	KCl–LiCl–LiF	40.5–56–3.5	346.0	907
1834	KCl–LiCl–NaCl	36–55–9	346.0	2 133 1480
1835	NaCl–$ThCl_4$	70.3	346.0	54
1836	$CdCl_2$–CsCl–TlCl	15.6–22–62.4	346.0	2562
1837	KCl–K_2CrO_4–Li_2CrO_4	29.9–11.7–58.4	346.0	2989
1838	$CdCl_2$–KCl–LiCl	11.7–44.7–43.6	347.0	880

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
1839	$CsNO_3$–TlCl	70.6	347.0	1170
1840	KCl–LiCl–TeO_2	29.2–53.8–16.9	347.0	335
1841	KCl–LiCl	42	348.0	846
1842	NaCl–$PbCl_2$–PbI_2	7.7–50.0–42.3	348.0	323
1843	KBr–LiBr	40	348.0	61 62
1844	KBr–LiBr	NA	348.0	3135
1845	$PbBr_2$–PbF_2	92.5	349.0	802
1846	NaCl–$ThCl_4$	64.3	349.0	54
1847	KBr–$PbBr_2$	12.2	349.0	2027
1848	$BeCl_2$–RbCl	83.6	349.0	3102
1849	BeF_2–LiF–UF_4	51.5–48–0.5	350.0	58
1850	CdF_2–CdI_2	82.5	350.0 APP	1918
1851	KCl–$MnCl_2$–NaCl	28.7–45–26.3	350.0	2524
1852	$FeCl_2$–KCl	40.7	350.0 ±2	1896
1853	$CdCl_2$–CsCl–TlCl	9.3–30.6–60.1	350.0	2562
1854	CsCl–$SnCl_2$	63	350.0	834
1855	$BeCl_2$–TlCl	85	350.0	512
1856	$CdBr_2$–CsCl–TlBr	53.8–24.6–21.5	350.0	2562
1857	LiCl–Li_2CrO_4	45	350.0	764
1858	LiCl–Li_2CrO_4	83	350.0	943
1859	KBr–$PbBr_2$–TlBr	3–45–52	350.0	782
1860	$CdBr_2$–CsBr–TlBr	52.7–18.3–29	350.0	2561 2562
1861	AgBr–CuBr	58	350.0	864
1862	K_2CO_3–Li_2CO_3–LiOH	28.2–12.7–59.1	350.0	2526
1863	KCl–LiCl–NaCl	38–53.5–8.5	350.0	2843
1864	LiCl–UCl_3–UF_4	43–25–32	350.0 ±2	2830
1865	KCl–$PbCl_2$–$ThCl_4$	37.5–35–27.5	350.0	2889
1866	$BeCl_2$–TlCl	NA	350.0 APP	3128
1867	$CoCl_2$–KCl	43.5	351.0	120 503
1868	$FeCl_2$–KCl	38.2	351.0 ±1	574
1869	KCl–LiCl	42	352.0	926
1870	KCl–LiCl	43	352.0	852
1871	$CdCl_2$–$CdSO_4$–KCl	47.6–13.7–38.7	352.0	348
1872	$PbBr_2$–TlBr	89.5	352.0	52 782
1873	$Cs_2Cr_2O_7$–$Rb_2Cr_2O_7$	50	352.0	2262
1874	NaCl–$PbCl_2$–TlCl	9.2–41.3–49.5	353.0	2472
1875	KCl–LiCl	(40–43)	353.5 ±5.5	1 2 11 56 61 62 67 68 74 89 92 93 97 102 108 121 122 123 133 160 164 249 338 424 431 477 486 494 507 683 688
1876	KCl–LiCl	42	354.0	836 847 884
1877	KCl–LiCl	42.5	354.0	907
1878	KCl–LiCl–$PbCl_2$	18.6–26.3–55	354.0	884
1879	$CdCl_2$–$CdSO_4$–KCl	28.7–6.4–64.9	354.0	348
1880	AgCl–Ag_2CrO_4	59.6	354.0	943
1881	AgCl–Ag_2CrO_4	73	354.0	764
1882	KBr–$PbBr_2$	44	354.0	782
1883	KBr–$PbBr_2$	48.1	354.0	948
1884	$Ca(NO_2)_2$–$CsNO_2$	73.9	354.0	1209 1897
1885	KCl–LiCl	42	354.0	2843
1886	$CdCl_2$–KCl–NaCl	59.6–22.2–18.2	355.0 ±1	932
1887	$FeCl_2$–KCl–$NdCl_3$	29.3–66.7–4	355.0	2497
1888	KBr–$PbBr_2$	46	355.0	781
1889	$BeCl_2$–$CaCl_2$	85	355.0	3128
1890	BeF_2–LiF	52	356.0	149 429 810
1891	BeF_2–LiF–ThF_4	51.5–47.0–1.5	356.0	510

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References			
1892	$NaCl-ThCl_4-UCl_4$	NA	356.0 ±2	3097			
1893	$TeBr_4-Tl_2TeBr_4$	10	356.0	2875			
1894	LiBr–LiCl–LiI	NA	357.0 APP	2442			
1895	$KCl-PbCl_2-ThCl_4$	21.5–38.5–40	357.0	2889			
1896	$CdCl_2$–NaCl–TlCl	60–21–19	358.0	480			
1897	$CeCl_3$–NaCl–$ThCl_4$	7.0–62.0–31.0	358.0	54			
1898	KCl–NaCl–YCl_3	3–42–55	358.0	1208			
1899	$CdCl_2-CdSO_4$–NaCl	32–13.5–54.5	358.0	304			
1900	$TlCl-Tl_2SO_4$	77.3	358.0	392			
1901	$KI-PbI_2$	52.9	358.0	948			
1902	K_2CrO_4–KOH	8.1	358.0	942			
1903	$CdCl_2$–CsBr–TlBr	14.3–40.0–45.7	358.0	3004			
1904	$TlCl-Tl_2SO_4$	54	358.0	3124			
1905	$CdCl_2-CdSO_4$–NaCl	32–13–55	358.0	3142			
1906	$CdCl_2-CdI_2$	30	359.0	61	282	321	1676
1907	$NaBr-PbI_2$	20.6	359.0	1995			
1908	$CdCl_2$–KCl–LiCl	37.9–28.9–33.1	360.0	880			
1909	NaCl–YCl_3	45	360.0	853			
1910	$CuCl_2$–KCl	54	360.0	38			
1911	$MgCl_2$–TlCl	27.5	360.0	512			
1912	KBr–LiCl	39	360.0	836	949		
1913	CdI_2-PbI_2	70	360.0	1676			
1914	$KI-ZnSO_4$	65.8	360.0	3249			
1915	CdI_2–CsI–NaI	61.2–25–13.7	360.0	1795			
1916	K_2CrO_4–KOH	7.8	360.0	1033			
1917	$Na_2S-Na_3Sb-Na_3SbS_3$	NA	360.0	3225			
1918	LiOH–RbOH	70.5	360.0	2825			
1919	$KCl-PbCl_2-ThCl_4$	48–29–23	360.0	2889			
1920	$BiCl_3$–TlCl	12.5	360.0	3133			
1921	$CoCl_2$–KCl	NA	360.0	3143			
1922	$MgCl_2$–TlCl	27.5	361.0	1918			
1923	$CdBr_2$–CsCl	68.1	361.0	1008			
1924	NaCl–$ThCl_4$	69.5	361.0	2745			
1925	$CdCl_2$–KCl–$PbCl_2$	29–59–12	362.0	322	394		
1926	$CdCl_2$–CsCl–$PbCl_2$	46.7–13.1–40.2	362.0	1102			
1927	$CoCl_2-CuCl_2$	25.6	362.0	1830			
1928	CsCl–$CsNO_3$	30.4	362.0	357			
1929	$Ca(ClO_4)_2-KClO_4$	80	362.0	1116			
1930	$CdBr_2$–CsBr–NaBr	37.9–52.4–9.6	362.0	1854			
1931	CdI_2–CsI–KI	23–60.8–16.2	363.0	1794			
1932	$BeCl_2$–KCl	76	363.0	2978			
1933	$BeCl_2$–KCl	75.7	363.0	3048			
1934	$CdBr_2-ZnBr_2$	21.2	364.0	176			
1935	BeF_2–NaF–ThF_4	55–43–2	365.0	1260			
1936	KCl–$NbOCl_3$	30	365.0	1050			
1937	CuCl–$InCl_3$	10	365.0	992			
1938	$PbCl_2-UCl_4$	67.9	365.0	2015			
1939	$CdBr_2$–CsBr–TlBr	16.3–38.4–45.3	365.0	2561	2562		
1940	LiCl–NaCl–UCl_3	46–28.5–25.5	365.0	2822			
1941	CsCl–CsF–CsI	34–32–34	365.0	2832			
1942	$FeCl_2$–$InCl_3$–NaCl	22–20–58	366.0	2466			
1943	NaCl–$ThCl_4$	72	366.0	1049			
1944	KCl–$NbCl_4$	52	366.0	240	798		
1945	TlCl–$TlCl_3$	74.4	366.0	1057			
1946	KCl–$K_2Cr_2O_7$	27.5	366.0	675			
1947	K_2CO_3–KOH	9.3	366.0	2526			
1948	BeF_2–CsF	77.5	367.0	1986			
1949	LiBr–LiF–LiI	NA	367.0 APP	2442			

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C		References		
1950	$CdBr_2$–$PbCl_2$	28	367.0	284			
1951	$CdBr_2$–NaBr	46	367.0	210	211	326	787
1952	$CdBr_2$–NaBr	47	367.0	787	923		
1953	$CdBr_2$–NaBr	46	367.0	2771			
1954	CsI–NaI–TlI	28–18–54	367.0	2754			
1955	RbCl–UCl_4	53	367.8	3246			
1956	$CoCl_2$–NaCl	39.5	368.0	120	199	309	503
1957	KCl–$NbCl_5$	56 APP	368.0	1280			
1958	$CdCl_2$–RbCl	72.5	368.0	512			
1959	$PbCl_2$–TlCl	42.9	368.0	512			
1960	$ZrCl_4$–ZrI_4	58 APP	368.0 APP	796			
1961	KCl–$K_2Cr_2O_7$	25	368.0	1018			
1962	KBr–$PbBr_2$	45.5	368.0	2027			
1963	$AgVO_3$–$TlVO_3$	16.5	368.0	2976			
1964	LiCl–LiI	34.2	368.3	2442			
1965	AgCl–$InCl_3$	77	369.0	397			
1966	$MnCl_2$–NaCl–NaF	61–11–28	370.0	2595			
1967	$CoCl_2$–NaCl	36	370.0	120	199	309	503
1968	CsCl–NaCl–$PbCl_2$	14.9–19.8–65.3	370.0	900			
1969	$DyCl_2$–NaCl	59.7	370.0 ±2	1814			
1970	$FeCl_2$–NaCl	44	370.0	2497			
1971	KCl–NaCl–$SmCl_3$	10–36–54	370.0	1186			
1972	KCl–NaCl–$SmCl_3$	14.3–32.5–53.2	370.0	1186			
1973	KCl–$TaCl_5$	52	370.0	240	797	798	
1974	RbCl–UCl_4	42	370.0	4446			
1975	$BeCl_2$–TlCl	18	370.0	512			
1976	$CdCl_2$–$PbCl_2$	37	370.0	870			
1977	$PbCl_2$–TlCl	40	370.0	711	763		
1978	$CdCl_2$–CsCl–TlBr	62.6–13–24.4	370.0	2562			
1979	NaCl–NaI–PbI_2	8.5–21.3–70.2	370.0	323			
1980	$CdCl_2$–$CdSO_4$–KCl	25.0–15.8–59.1	370.0	348			
1981	$CdBr_2$–NaBr	47	370.0	2071			
1982	LiBr–Li_2CrO_4	55	370.0	1938			
1983	$K_2Cr_2O_7$–$Rb_2Cr_2O_7$	50	370.0	2262			
1984	KBr–K_2CrO_4–Li_2CrO_4	15.7–18.9–65.4	370.0	2989			
1985	$CdCl_2$–CsBr–TlBr	66.7–8.3–25.0	370.0	3004			
1986	$BeCl_2$–TlCl	18	370.0	3128			
1987	KOH–K_2SO_4	94 APP	370.0	3198			
1988	$CaCl_2$–KCl–NaCl–$PbCl_2$	18.1–5.8–23.3–52.8	371.0 ±1	932			
1989	$FeCl_2$–KCl–$NdCl_3$	42–38–20	371.0	2497			
1990	$FeCl_2$–KCl–$NdCl_3$	38–42–20	372.0	2497			
1991	AgCl–$InCl_3$	40 APP	372.0	992			
1992	$BaCl_2$–$BeCl_2$	13	372.0	512			
1993	CsCl–CsI–$PbCl_2$	11.4–61.6–27	372.0	2198			
1994	K_2CO_3–Li_2CO_3–LiOH	16.4–26.4–57.1	372.0	2526			
1995	$BaCl_2$–$BeCl_2$	13	372.0	3128			
1996	$BaCl_2$–$CeCl_3$–NaCl	22–36–42	373.0	743	2447		
1997	NaCl–$PbCl_2$–TlCl	2.4–17.9–79.8	373.0	2472			
1998	$PbCl_2$–TlCl	14.9	373.0	512			
1999	$CdBr_2$–CsBr	61.9	373.0	1008	1010		
2000	K_2CrO_4–Li_2CrO_4–LiOH	19–63.5–17.5	373.0	942			
2001	$FeCl_2$–NaCl	44	374.0	1896			
2002	$CdCl_2$–CsCl–TlCl	65.3–6.6–28.1	374.0	2562			
2003	$InCl_3$–$PbCl_2$	28	374.0	397			
2004	CsCl–UCl_4	41	374.5	3246			
2005	CsCl–$NbOCl_3$	28 APP	375.0	963			
2006	$CsNO_2$–$CsNO_3$	45	375.0	1192			
2007	$TeCl_4$–TlCl	12	375.0	2707			

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
2008	$AgVO_3$–K_2SO_4–KVO_3	11–4–85	375.0	2878
2009	KF–SnF_4	52.8	375.0	2896
2010	KCl–$ThCl_4$	55.5	376.0	1922
2011	CsI–$PbCl_2$	71.8	376.0	2198
2012	$CdBr_2$–TlBr	55	376.0	2071
2013	Na_2SO_4–Tl_2SO_4–$TlVO_3$	0.5–0.6–98.9	376.0	2983
2014	$NaHSO_4$–NH_4HSO_4	29	376.2	2455
2015	AgCl–Ag_2S	64.2	377.0	989
2016	AgCl–Ag_2Te	80	377.0	2829
2017	NaCl–UCl_4	52	377.9	3246
2018	$DyCl_3$–NaCl	55	378.0	1046
2019	CsCl–$GaCl_3$	58	378.0	1016
2020	CuCl–$CuCl_2$	87	378.0	38
2021	$BaCl_2$–$CaCl_2$–LiCl–NaCl	15.9–34.5–29.1–20.5	378.0	2963
2022	Na_2SO_4–$NaVO_3$–$TlVO_3$	0.3–7.4–92.3	378.0	2983
2023	KCl–$ThCl_4$–UCl_3	30.5–54–15.5	378.0 ±2	2805
2024	K_2CrO_4–KF–Li_2CrO_4	4–31–65	378.0	2855
2025	AgF–ZnF_2	86	380.0	536
2026	$CdCl_2$–CsCl–NaCl	58.7–2.4–38.9	380.0	320
2027	KCl–NaCl–$SmCl_3$	27.1–25.6–47.3	380.0	1186
2028	CsCl–KCl–TlCl	25–7–68	380.0	2257
2029	$FeCl_2$–KCl	52.2	380.0	2497
2030	KCl–$MgCl_2$–$TiCl_3$	45.2–47.4–7.4	380.0	434
2031	KCl–$MgCl_2$–$TiCl_3$	55.6–33.2–11.2	380.0	434
2032	KCl–$NbOCl_3$	33.2	380.0	1800
2033	$PbBr_2$–$PbCl_2$	36	380.0	141 167 433 511 738
2034	NaCl–PbI_2	15.7	380.0	323
2035	AgCl–Ag_2S	65	380.0	717
2036	KBr–$PbBr_2$–TlBr	12–18–70	380.0	782
2037	$CsNO_3$–TlBr	85.2	380.0	1170
2038	$Cs_2O(Cs_2CO_3)$–V_2O_5	39	380.0	854
2039	Rb_2O–V_2O_5	39.5	380.0	2069
2040	Rb_2O–V_2O_5	41	380.0	1134
2041	Na_2SO_4–$TlVO_3$	1.0	380.0	2983
2042	LiCl–$ThCl_4$–UCl_4	50.0–8.0–42.0	380.0 ±2	3231
2043	AgBr–AgI	79 APP	380.0	3167
2044	CsCl–LiCl	58	381.0	2759
2045	NaCl–$TbCl_3$	55	382.0	1482
2046	CsCl–PbI_2	54.5	382.0	2198
2047	CsCl–KCl–$PbCl_2$	7–21–72	382.0	3234
2048	$CaCl_2$–NaCl–$PbCl_2$	19–32–49 APP	382.0	2660
2049	$Li_2Cr_2O_7$–$Na_2Cr_2O_7$	70 APP	382.0	2924
2050	$PbCl_2$–RbCl–TlCl	10–10–80	382.0	2833
2051	PbF_2–PbI_2	10	383.0	802
2052	NaCl–$NbOCl_3$	33.4	383.0	1800
2053	$CdCl_2$–KCl	66.7	383.0	13 104 259 322 348 394 409 498
2054	CsBr–TlCl	28	383.0	2469
2055	Li_2CrO_4–Na_2CrO_4	68.5	383.0	3032
2056	Li_2CrO_4–Na_2CrO_4	68.5	383.0	3156
2057	$CdCl_2$–NaCl–TlCl	39–23–38	384.0	480
2058	NaCl–$PbCl_2$–TlCl	14.9–66–19.1	384.0	2472
2059	KCl–$ThCl_4$	57.2	384.0	54
2060	$CdBr_2$–CsBr	64	384.0	2071
2061	K_2SO_4–Na_2SO_4–$ZnSO_4$	30.2–29.1–40.7	384.0	212
2062	$NaBF_4$–NaF	92±1	384.0 ±2	2703
2063	AgCl–Tl_2SO_4	86	384.0	3124
2064	$NaBF_4$–NaF	92	384.0	1039

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
2065	$CdCl_2$–$PbCl_2$	36.5	385.0	41 61 62 322 394 786 1676
2066	CsI–$PbCl_2$	15.7	385.0	2198
2067	$CdBr_2$–CdI_2	8 APP	385.0	1676
2068	$CdBr_2$–CsI	26.2	385.0	1010
2069	$CuBr$–CuI	82.5	385.0	1918
2070	PbI_2–$PbTe$	99	385.0	1971
2071	K_2SO_4–Na_2SO_4–$ZnSO_4$	19.0–25.8–55.2	385.0	212
2072	$CsCl$–KCl–$PbCl_2$	9–4–87	385.0	3234
2073	$CsNO_2$–$CsNO_3$	50 APP	385.0 MIN	2923
2074	$BaCl_2$–$CaCl_2$–$LiCl$–$NaCl$	16.6–37.6–33.3–12.5	385.0	2963
2075	$CdCl_2$–$PbCl_2$	30	385.0	3138
2076	$CsCl$–PbI_2	77.7	386.0	2198
2077	$TlBr$–Tl_2SO_4	73 APP	386.0	3216
2078	$CdCl_2$–KCl–$LiCl$	13.6–18.2–68.2	387.0	880
2079	$CdCl_2$–$NaCl$	55	387.0	304 321 480
2080	KCl–$NaCl$–$TaCl_5$	49.1–1.8–49.1	388.0	797
2081	$CdCl_2$–KCl	38	388.0	13 104 259 322 348 394 409 498
2082	$CdBr_2$–$TlCl$	59.4	388.0	2297
2083	$LiCl$–$PbCrO_4$	72.6	388.0	1054
2084	$CsNO_3$–TlI	90.9	388.0	1170
2085	K_2SO_4–Na_2SO_4–$ZnSO_4$	24.5–33.4–42.1	388.0	212
2086	$CdCl_2$–$PbCl_2$	35	389.0	41 61 62 322 394 786
2087	KCl–$MnCl_2$–$NaCl$	45.5–34.5–20	390.0	2524
2088	KCl–$NaCl$–$NbCl_5$	49–2–49	390.0	1118
2089	$NaCl$–$SmCl_3$	51	390.0	1011
2090	$FeCl_2$–KCl	53	390.0 ±2	1896
2091	$CsCl$–$TlCl$	25	390.0	512
2092	$InCl_2$–$TlCl$	13 APP	390.0 APP	1462
2093	$InCl_3$–$TlCl$	6.4	390.0	873
2094	$CdCl_2$–$CdSO_4$–$TlCl$	63.3–3.3–33.3	390.0	392
2095	$AgCl$–Ag_2WO_4	82.3	390.0	765
2096	$LiCl$–$ThCl_4$–UCl_4	59.0–19.0–22.0	390.0 ±2	3231
2097	$LiCl$–$ThCl_4$–UCl_3	51–34–15	390.0	2827
2098	AgI–NaI	75	390.0	3115
2099	LiH–LiI	23.5	390.8	1321
2100	$CaCl_2$–$NaCl$–$PbCl_2$	17.8–25.2–57	391.0	512
2101	$CuCN$–$NaCN$	NA	391.0	3111
2102	$CdCl_2$–$NaCl$	55	392.0	786
2103	$LiCl$–$TlBr$	23 APP	392.0	887
2104	$CuCl$–Cu_2S	89.2	392.0	805
2105	$LiCl$–Li_3VO_4–$PbCl_2$	23.5–4.8–71.6	392.0	523
2106	$NaCl$–$PbCl_2$–PbS	24.6–68–7.4	392.0	733
2107	$CdBr_2$–$TlBr$	59	392.0	788
2108	K_2SO_4–Na_2SO_4–$ZnSO_4$	34.0–22.5–43.5	392.0	212
2109	BeF_2–CsF	58.4	393.0	1986
2110	$FeCl_2$–KCl	54.2	393.0 ±1	574
2111	$CaCl_2$–$CuCl$	10.8	393.0	156
2112	CsI–$TlCl$	61	393.0	2240
2113	$Ba(ClO_4)_2$–$KClO_4$	71	393.0	1116
2114	$Ca(NO_2)_2$–$Ca(NO_3)_2$	94	393.0	915
2115	K_2CO_3–Li_2CO_3–Na_2CO_3	26.8–42.5–30.6	393.0	1137
2116	K_2CrO_4–$K_2Cr_2O_7$	1 APP	393.0	3189
2117	$NaCl$–YCl_3	55	394.0	2236
2118	$CdBr_2$–$CsBr$–KBr	25–56.2–18.7	394.0	2527
2119	$CaCl_2$–$NaCl$–YCl_3	5–51–44	395.0	1154
2120	KBr–$ZnSO_4$	67.5	395.0	3249

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References					
2121	Na_2CrO_4–Rb_2CrO_4	98.5	395.0	872					
2122	$NaBH_4$–NaH	45.8	395.0	1421					
2123	KCl–LiCl–UCl_3	30.5–38–31.5	395.0 ±2	3106					
2124	$BaCl_2$–$CaCl_2$–LiCl–NaCl	20–30–47–3	395.0	2963					
2125	CsI–KI–TlI	21–7–72	395.0	3023					
2126	$PbCl_2$–$ThCl_4$	65	395.0 ±2	3043					
2127	$PbCl_2$–RbCl–TlCl	18–23.5–58.5	395.0	2833					
2128	KCl–$ThCl_4$	58	395.0 ±2	2856					
2129	KCl–$PbCl_2$–$ThCl_4$	53–39–8	395.0	2889					
2130	$GdCl_3$–NaCl	60	396.0	1046					
2131	KCl–$MgCl_2$–NaCl	20–50–30	396.0	920					
2132	KCl–$MgCl_2$–NaCl	22–51–27	396.0	6	39	400	486	512	692
2133	$CdCl_2$–TlCl	62	396.0	480	790				
2134	$PbCl_2$–UCl_4	81.8	396.0	2015					
2135	$CdCl_2$–TlBr	62.6	396.0	2297					
2136	Ag_2S–$Cu_7Sb_2S_6$.5	80.3	396.0	1865					
2137	$CsNO_3$–Cs_2SO_4	98	396.0	3235					
2138	TlI–Tl_2SO_4	80	396.0	3117					
2139	$CdCl_2$–NaCl	60 APP	397.0 ±5	26					
2140	NaCl–$ThCl_4$	56	397.0	1049					
2141	$CdBr_2$–CsBr–NaBr	23.4–65.4–11.1	397.0	1854					
2142	CdI_2–CsBr	25.8	397.0	1010					
2143	MoO_3–$Na_4P_2O_7$	51	397.0	1476					
2144	K_2CO_3–Li_2CO_3–Na_2CO_3	25–43.5–31.5	397.0 ±1	881					
2145	NaCl–$NbOCl_3$	54.9	397.9	1800					
2146	LiCl–Na_2TiF_6	87.6	398.0	468	3244				
2147	$GdCl_3$–NaCl	55.7	398.0 ±2	1814					
2148	KCl–NaCl–YCl_3	19.75–33.25–47.00	398.0	1208					
2149	KCl–$LuCl_3$	40	398.0	2495					
2150	$CdBr_2$–CsCl–TlBr	15.9–44.8–40.2	398.0	2562					
2151	CsI–TlI	23	398.0	2138					
2152	PbI_2–PbTe	94±1	398.0 ±2	2425					
2153	KCl–NaCl–$PbCl_2$	35–17–48	399.0	1096					
2154	KBF_4–KF	64.8	400.0 APP	217					
2155	LiCl–$PbCl_2$	34.5	400.0	42	76	112	253	523	
2156	LiCl–$PbCl_2$	36	400.0	42	76	112	253	523	
2157	KCl–$MnCl_2$–NaCl	37.7–37.3–25	400.0	2524					
2158	KCl–$MgCl_2$–YCl_3	67.5–30–2.5	400.0	1154					
2159	$NbOCl_3$–RbCl	62 APP	400.0 APP	963					
2160	$CdCl_2$–TlCl	65.5	400.0	2506					
2161	$CdCl_2$–TlCl	66	400.0	711					
2162	$InCl_3$–$PbCl_2$	44	400.0	750					
2163	$InCl_3$–TlCl	8	400.0	992					
2164	CsCl–TlBr	27.5	400.0	2469					
2165	LiBr–LiH	71	400.0	1015					
2166	KPO_3–$K_4P_2O_7$–KVO_3	46–17–37	400.0	2681					
2167	Rb_2TeO_3–TeO_2	17	400.0	3007					
2168	$KSbSe_2$–Sb_2Se_3	35	400.0	3227					
2169	CuO–TeO_2–V_2O_5	12.5–70.0–17.5	400.0	2744					
2170	CsI–RbI–TlI	18–16–66	401.0	2988					
2171	$CaBr_2$–KBr–LiBr	26–23–51	401.0	2818					
2172	NH_4HSO_4–$(NH_4)_2SO_4$	12.8	401.7	2455					
2173	KCl–LiCl–$SrCl_2$	16.5–56–27.4	402.0	1274					
2174	$CaCl_2$–KCl–$PbCl_2$	3.0–47–50	402.0	395					
2175	KCl–$MgCl_2$–YCl_3	47–28–25	402.0	1154					
2176	$BaCl_2$–$Ca(NO_3)_2$	41.7	402.0	10					
2177	KCl–$ThCl_4$–UCl_4	NA	402.0 ±2	3097					
2178	$PbCl_2$–PbO	70	402.0	3150					

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
2179	$CuCl-LiCl$	80	403.0	512
2180	$KCl-ThCl_4$	47.5	403.0	54
2181	$RbCl-RbI-TlI$	NA	403.0	2757
2182	$CsBr-NaCl$	NA	403.0	2758
2183	BeF_2-KF	48 APP	405.0 ±5	310
2184	$KCl-MgCl_2-NdCl_3$	31.5–43.5–25.0	405.0	215
2185	$CdCl_2-CsBr$	28.6	405.0	1008
2186	$CuCl-MgCl_2$	98 APP	405.0 APP	2694
2187	$LiCl-ThCl_4$	68	405.0	2745
2188	$PbO-V_2O_5-WO_3$	47–49–4	405.0	2858
2189	$K_2MoO_4-Li_2MoO_4-MoO_3$	NA	405.0	2913
2190	$CsCl-CsF-LiF$	35–53–12	406.0	1223
2191	$BaCl_2-CaCl_2-LiCl$	17.1–28.8–54	406.0	1879
2192	$LiCl-PbCl_2$	36	406.0	835 884
2193	$CuCl-MgCl_2$	96	406.0	156
2194	$CsI-TlI$	26	406.0	2240
2195	$NaCl-PbCl_2$	31.1	406.0	2660
2196	$LiCl-YCl_3$	56	407.0	2236
2197	$KCl-MgCl_2-PrCl_3$	27.0–48.0–25.0	407.0	505
2198	$PbCl_2-RbCl$	61	407.0	1207
2199	$CdBr_2-CsBr$	43	407.0	2071
2200	$CsI-KI-NaI$	52–4–44	407.0	1307
2201	$CaBr_2-KBr-LiBr$	22–21–57	407.0	2818
2202	HfF_4-KF	40	408.0	2022
2203	$KCl-MgCl_2-YCl_3$	42.5–37.5–20.	408.0	1154
2204	$CuCl-MgCl_2$	98.7	408.0	62
2205	$MnCl_2-PbCl_2$	30	408.0	61 62 712
2206	$CdBr_2-CsCl$	43.4	408.0	1008
2207	$CuBr-CuCl$	30	408.0	512
2208	$Ba(NO_3)_2-NaCl$	62	408.0	296
2209	$AgVO_3-TlVO_3$	72	408.0	2976
2210	$Na_2CrO_4-Na_2WO_4$	46.5	408.0	3032
2211	$Li_2CrO_4-Na_2CrO_4$	46.5	408.0	3032
2212	$CoBr_2-InBr_3$	86	408.0	3064
2213	$LiCl-ThCl_4$	62	408.0 ±2	2856
2214	$Li_2CrO_4-Na_2CrO_4$	46.5	408.0	3156
2215	$CaCl_2-Ca(NO_3)_2$	42.5	409.0	10 198
2216	$KNO_2-K_2WO_4$	92 APP	409.0	2729
2217	KBF_4-KF	65.6	410.0	1039
2218	$NaF-PbF_2-PbSO_4$	39.4–43.3–17.3	410.0	367
2219	$ErCl_3-NaCl$	46	410.0	2235
2220	$NaCl-PbCl_2$	28.3	410.0	900
2221	$KCl-NbOCl_3$	54	410.0	1800
2222	$KCl-PbCl_2$	49	410.0	13 71 76 104 253 322 371 394 402 500 781 807 2090
2223	$CdCl_2-RbCl$	37.5	410.0	512
2224	$CdCl_2-RbCl$	68.5	410.0 APP	1918
2225	$PbCl_2-RbCl$	76	410.0	1207
2226	$CdCl_2-CuCl$	15	410.0 APP	1918
2227	$CdCl_2-TlCl$	66.6	410.0	392
2228	$CdBr_2-CsCl$	31.6	410.0	1008
2229	CdI_2-CsI	29	410.0	1010
2230	$K_2O-V_2O_5$	40	410.0 APP	2057
2231	$CdWO_4-Pb(BO_2)_2-PbO$	2–28–70	410.0	2151
2232	Cu_2S-Na_2S-PbS	21.4–53.1–25.4	410.0	1850
2233	$CdWO_4-Pb(BO_2)_2-PbO$	2–28–70	410.0	2151
2234	$KPO_3-K_4P_2O_7-KVO_3$	35.5–11.5–53	410.0	2681

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
2235	$TlPO_3$–$Zn(PO_3)_2$	94	410.0	2956
2236	CuO–TeO_2–V_2O_5	27.5–59.0–13.5	410.0	2744
2237	CsBr–CsF–CsI	29–42–29	410.0	2832
2238	RbCl–$ThCl_4$	56	410.0 ±2	2856
2239	LiF–LiI	16.5	411.0	2442
2240	NaCl–$PbCl_2$	30	411.0	62 112 253 275
2241	KCl–$MgCl_2$–$PrCl_3$	42.0–33.0–25.0	411.0	505
2242	$CdCl_2$–CsBr	73.9	411.0	1008
2243	CsBr–$PbCl_2$	17.3	411.0	1994
2244	RbCl–TlI	19	411.0	2757
2245	$CaCl_2$–KCl–LiCl	36.1–11.5–52.4	412.0	2119
2246	NaCl–TlCl	15	412.0	283 480 710
2247	NaCl–TlCl	6	412.0	480
2248	KCl–$MgCl_2$–$NdCl_3$	68.0–28.0–4.0	412.0	215
2249	KCl–$MgCl_2$–$PrCl_3$	60.0–36.0–4.0	412.0	505
2250	Rb_2TeO_3–TeO_2	22	412.0	3007
2251	Na_2O–TeO_2	28	413.0	2194
2252	$Li_2Cr_2O_7$–$Na_2Cr_2O_7$	45 APP	413.0	2924
2253	$HoCl_3$–NaCl	47	414.0	2235
2254	KCl–$MgCl_2$–$PrCl_3$	36.5–36.5–27.0	414.0	505
2255	$PbCl_2$–RbCl	41	414.0	1207
2256	$PbCl_2$–TlCl	73.9	414.0	512
2257	K_2MoO_4–KNO_2	8 APP	414.0	2729
2258	NaCl–ZrF_4	55	415.0	467
2259	KCl–NaCl–TlCl	6.3–6.3–87.4	415.0	512
2260	$CeCl_3$–KCl–$MgCl_2$	19.3–34.3–46.4	415.0	114
2261	$DyCl_3$–KCl	50	415.0	1046
2262	KCl–$MgCl_2$–$NdCl_3$	39.–34.5–26.5	415.0	215
2263	KCl–$MgCl_2$–$TiCl_3$	67.0–31.2–1.8	415.0	434
2264	CsBr–NaBr–$PbBr_2$	55–20–25	415.0	1793
2265	AgI–LiI	20 APP	415.0 APP	1918
2266	Ag_2CrO_4–Li_2CrO_4	60	415.0	943
2267	K_2CrO_4–Li_2CrO_4	26	415.0	942
2268	B_2O_3–PbO–V_2O_5	32–67.5–0.5	415.0	3094
2269	CuO–TeO_2–V_2O_5	20.0–37.0–43.0	415.0	2744
2270	NaCl–$NaReO_4$	80	415.0	2751
2271	NaCl–UCl_3–UF_4	34–21.5–44.5	415.0 ±2	2830
2272	$CoCl_2$–KCl	NA	415.0	3143
2273	LiCl–UCl_4	54	415.3	3246
2274	$ErCl_3$–KCl	50	416.0	1289
2275	KCl–$MgCl_2$–$NdCl_3$	58.0–38.7–3.3	416.0	215
2276	KCl–$MgCl_2$–$PrCl_3$	70.0–26.5–3.5	416.0	505
2277	KCl–$ThCl_4$	43.2	416.0	1922
2278	KCl–YCl_3	55	416.0	2236
2279	$SrCl_2$–TlCl	12.5	416.0	1918
2280	AgBr–AgCl	74.1	416.0	909
2281	Cs_2CO_3–Li_2CO_3–Na_2CO_3	17–50–33	416.0	2845
2282	KCl–KF–K_2TaCl_5	7–6–87	416.0	2869
2283	CsF–LaF_3–LiF	61–6–33	417.0	1222
2284	LiCl–$ThCl_4$	65	417.0	1049
2285	RbI–TlCl	11.5	417.0	2757
2286	KCl–LiCl–UCl_3	24–46–30	418.0	2217
2287	$BaCl_2$–$MgCl_2$–NaCl	13.8–39.9–46.2	418.0	981 1104
2288	$CeCl_3$–KCl–$MgCl_2$	24.2–42.7–33.1	418.0	114
2289	$CdCl_2$–CsCl–$PbCl_2$	20.2–69.3–10.5	418.0	1102
2290	LiBr–LiI	40 APP	418.0 APP	2442
2291	Na_2CrO_4–Rb_2CrO_4	98	418.0	872
2292	$BaBr_2$–$CaBr_2$–LiBr	27–40–33	418.0	3073

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
2293	$KCl-NaCl-UCl_3$	30–37–33	418.0	2813
2294	$Ag_2SO_4-AgVO_3-K_2SO_4$	8–89–3	418.0	2878
2295	$CaCl_2-TlCl$	7.5	419.0	512
2296	$CsI-PbCl_2$	57.1	419.0	2198
2297	HfF_4-KF	40	420.0	2030
2298	HfF_4-KF	57	420.0	2022
2299	$KF-ZrF_4$	58 APP	420.0 APP	968
2300	$PbF_2-K_2SO_4-PbSO_4$	62–12–26	420.0	368
2301	$MnCl_2-NaCl$	47	420.0	1366
2302	$CaCl_2-KCl-PbCl_2$	12–17–71	420.0	395
2303	$CeCl_3-KCl-MgCl_2$	2.1–67.2–30.7	420.0	114
2304	$KCl-MgCl_2-PrCl_3$	73.4–20.0–6.6	420.0	505
2305	$KCl-MnCl_2$	67	420.0	1366
2306	$BaCl_2-InCl_3$	40	420.0	1478
2307	$CaCl_2-TlCl$	7.5	420.0	1918
2308	$CdCl_2-CsBr$	42.8	420.0	1008
2309	$CsI-NaCl-NaI$	47.5–7.2–45.3 APP	420.0	1010
2310	$CsCl-Cs_2SO_4-PbCl_2$	4.9–45.8–49.3	420.0	1103
2311	$CsCl-PbCl_2-PbSO_4$	18.2–80.9–9	420.0	1103
2312	Na_2O-TeO_2	38	420.0	2194
2313	$KPO_3-K_4P_2O_7-KVO_3$	25–11–64	420.0	2681
2314	$KF-TiF_4$	NA	420.0	3028
2315	$KCl-ThCl_4$	46	420.0 ±2	2856
2316	$Cs_2CO_3-K_2CO_3-Li_2CO_3$	NA	420.0	2874
2317	$BaCl_2-CaCl_2-KCl-NaCl$	14–45–8–33	421.0	1811
2318	$KCl-PbCl_2$	22.2	421.0	13 71 76 104 253 322
2319	$FeCl_2-PbCl_2$	28.5	421.0	645
2320	$CdBr_2-CsBr$	42.3	421.0	1008 1010
2321	$CsCl-NaCl-PbCl_2$	59.3–17.3–23.4	422.0	900
2322	$CaCl_2-KCl-PbCl_2$	17.5–15.5–67	422.0	395
2323	$CsCl-PbCl_2$	10	422.0	1103
2324	$Cs_2CO_3-Li_2CO_3-Na_2CO_3$	15–43.5–41.5	422.0	2845
2325	$BaCl_2-BaF_2-LiCl-NaCl$	8.5–9–73–9.5	422.0	2861
2326	$AgCN-NaCN$	NA	422.0	3111
2327	$CoCl_2-KCl$	NA	422.0	3143
2328	$KCl-YbCl_3$	55	423.0	950
2329	$TlBr-TlCl$	40	423.0	871 1021
2330	K_2SO_4-TlCl	2	423.0	871
2331	$CsI-NaF-NaI$	50–1.5–48.5	423.0	2968
2332	$HoCl_3-NaCl$	53	424.0	2235
2333	$CoCl_2-PbCl_2$	23.5	424.0	645
2334	$AgCl-Li_2CrO_4$	98.9	424.0	764
2335	$AgCl-Li_2CrO_4$	99	424.0	943
2336	$LiCl-NaCl-SrCl_2$	48.4–22.6–29.0	424.0	3040
2337	$As_2S_3-Na_2S$	36 APP	424.0 ±5	3091
2338	$K_2WO_4-Li_2WO_4-Na_2WO_4$	NA	424.0	3226
2339	$CsBr-CsCl-CsF$	28–27–45	424.0	2832
2340	$TeBr_4-TlBr_4$	82	424.0	2875
2341	$CsF-ZrF_4$	58	425.0	991
2342	$CaCl_2-KCl-LiCl$	31–14.5–54.5	425.0	98
2343	$CdCl_2-CsCl-NaCl$	21.9–64.6–13.4	425.0	320
2344	$MnCl_2-NaCl$	50	425.0	713
2345	$NaCl-YCl_3$	55	425.0	1154
2346	$TlBr-TlCl$	35	425.0	238
2347	MgI_2-NaI	39	425.0	1918
2348	$AgVO_3-K_2SO_4-KVO_3$	37–4–59	425.0	2878
2349	$LiF-NaF-RbF$	46.5–6.5–47	426.0	512
2350	UCl_4-UF_4	65	426.0	1734

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C		References	
2351	KPO_3–NaF–$NaPO_3$	18.5–20–61.5	426.0	1362		
2352	$ErCl_3$–KCl	56	426.0	1855		
2353	KCl–TlCl	7.5	426.0	238		
2354	$CdCl_2$–$InCl_3$	49.5	426.0	1918		
2355	$MgCl_2$–$ZrCl_4$	3.45	426.0	1125		
2356	KCl–Li_2SO_4–NaCl	34.0–41.8–24.1	426.0	133	404	
2357	KPO_3–KVO_3	40	426.0	2681		
2358	CsF–CsI–NaF	46.5–52.5–1	426.0	2968		
2359	KCl–$MgCl_2$–MgF_2	69.9–26.9–3.2	426.0	2986		
2360	BeF_2–LiF–UF_4	22.5–69.5–8	427.0	58		
2361	$CoCl_2$–KCl	30.5	427.0	120	503	
2362	Na_2SO_4–TlCl	1.5	427.0	800		
2363	Li_2CrO_4–LiOH	47	427.0	942		
2364	$BaCl_2$–$CaCl_2$–KCl–NaCl	17.5–47.8–3.3–17.5	428.0	1276		
2365	$CaCl_2$–NaCl–$NdCl_3$	5–50–45	428.0	290		
2366	KCl–$MnCl_2$	65	428.0	499	713	
2367	KCl–$MnCl_2$	66	428.0	1077		
2368	Li_2SO_4–TlCl	1.1	428.0	356		
2369	AgCl–KVO_3	98.5	428.0	7		
2370	CsI–NaBr	54	428.0	1210		
2371	CsI–NaI	51.5	428.0	1010		
2372	NaI–TlI	12.5	428.0	1126		
2373	KPO_3–KVO_3	57.2	428.0	2681		
2374	LiCl–UCl_4	63	429.0	3246		
2375	KCl–$PbCl_2$	23.5	429.0	2090		
2376	KCl–Na_2SO_4–TlBr	7.53–.45–92.01	429.0	1130		
2377	RbCl–TlCl	14	429.0	2757		
2378	NaBr–UBr_3	63	429.0	2788		
2379	CsF–LiF–YF_3	60–39.8–0.2	430.0	1291		
2380	LiBr–LiCl–LiF	47–31–22	430.0	899		
2381	LiF–LiOH	20	430.0	511		
2382	$MgCl_2$–NaCl	44	430.0	90	156	400
2383	NaCl–$NdCl_3$	58.8	430.0	114	290	
2384	KCl–$MgCl_2$	66	430.0	1091		
2385	KCl–YCl_3	50	430.0	853		
2386	$CoSO_4$–NaCl	29	430.0	2505		
2387	CsBr–NaI	55.5	430.0	1210		
2388	Bi_2O_3–PbO–V_2O_5	1–49.5–49.5	430.0	890		
2389	K_2SO_4–V_2O_5	63	430.0	1709		
2390	$MgCl_2$–$PbCl_2$	18 APP	430.0 APP	2694		
2391	CsBr–CsF–NaF	50–48–2	430.0	2968		
2392	$InBr_3$–$NiBr_2$	98	430.0	3064		
2393	NaCl–UCl_3–UF_4	55–22.5–22.5	430.0 ±2	2830		
2394	CsF–CsI	53.5	430.0	2832		
2395	PbS–$TlSbS_2$	3.5	430.0	2882		
2396	LiF–LiOH	20	430.0	3202		
2397	AgCl–$NaVO_3$	99	431.0	7		
2398	$MgBr_2$–NaBr	59	431.0	62		
2399	RbI–TlI	80	431.0	2757		
2400	$MgBr_2$–NaBr	NA	431.0	3135		
2401	CsF–LiF–ScF_3	46.88–53–0.12	432.0	1310		
2402	CsCl–LiCl–$SrCl_2$	13.9–59.5–26.6	432.0	2008		
2403	KCl–$ThCl_4$	48	432.0	1049		
2404	KCl–K_2CrO_4–Li_2CrO_4	26.8–37.7–35.5	432.0	2989		
2405	KCl–$MgCl_2$	65.2	433.0 APP	156		
2406	KCl–$ZnCl_2$	69	433.0	140	200	498
2407	CsCl–CsI–NaCl	45.5–32.2–22.3 APP	433.0	1010		
2408	CsCl–Cs_2SO_4–$PbCl_2$	57.6–13.2–29.2	433.0	1103		

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
2409	$CdCl_2$–LiCl–Li_2MoO_4	62.5–14.8–22.7	434.0	766
2410	CsI–PbI_2	60.6	434.0	2198
2411	CsCl–NaCl–Na_2SO_4	61–13.2–25.8	434.0	2969
2412	KCl–$MgCl_2$	66.6	435.0	1125
2413	$BaCl_2$–TlCl	100 APP	435.0 APP	1918
2414	$BaCl_2$–$CaCl_2$–$CaSO_4$–NaCl	14.8–48.15–1.65–35.4	435.0	1226
2415	KI–$ZnSO_4$	47.3	435.0	3249
2416	CsCl–Cs_2SO_4–NaCl	23–3–74	435.0	2954
2417	$CrCl_2$–KCl–NaCl	28.2–21.8–50.0	435.0	3001
2418	NaCl–$ThCl_4$	43.5	435.0 ±2	2856
2419	NaCl–$ThCl_4$	55	435.0 ±2	2856
2420	RbCl–$ThCl_4$	42	435.0 ±2	2856
2421	AgCl–$CdCl_2$–$CdSO_4$	56–43–1 APP	435.0	3112
2422	NaCl–UCl_4	70	435.4	3246
2423	LiF–NaF–ZrF_4	26–37–37	436.0	1258
2424	KCl–YCl_3	56	436.0	1154
2425	$MnCl_2$–RbCl	29	436.0	1077
2426	AgCl–$LiVO_3$	99.5	436.0	7
2427	AgCl–Na_2MoO_4	97.5	436.0	7
2428	KCl–Li_2SO_4–Li_2WO_4	40–48–12	436.0	351
2429	$BaSO_4$–Na_2SO_4–RbCl	1.5–40.5–58	436.0	2903
2430	$CrCl_2$–NaCl	46.3	437.0	506 784 2155
2431	KCl–$MgCl_2$	66.7	437.0	156
2432	$CaCl_2$–NaCl–$SrCl_2$	32–36–32	437.0	2654
2433	CsCl–Cs_2SO_4–Na_2SO_4	55.6–6.5–37.9	437.0	2969
2434	LiF–NaF–RbF	42–10–48	437.0	2917
2435	CsF–LiF–ScF_3	60–39.9–0.1	438.0	1310
2436	KI–TlI	10	438.0	1918
2437	KCl–$MgCl_2$–MgF_2	41.0–54.1–4.9	438.0	2986
2438	CsBr–CsF	51.5	438.0	2832
2439	AgCl–$CdCl_2$	56 APP	438.0	3112
2440	$BaCl_2$–CsCl–NaCl	13.4–38.9–47.7	439.0	1880
2441	$CdBr_2$–CsBr	25	439.0	2071
2442	CsCl–CsF	51	440.0	1223
2443	KF–PbF_2–$PbSO_4$	60–38–2	440.0	368
2444	NaF–PbF_2–$PbSO_4$	19–55–26	440.0	367
2445	PbF_2–K_2SO_4–$PbSO_4$	63–25–12	440.0	368
2446	$CaCl_2$–LiCl–NaCl	34.23–52.34–13.43	440.0	261
2447	$BaCl_2$–$CaCl_2$–NaCl	16.3–46.9–36.7	440.0	1683
2448	$CaCl_2$–$CeCl_3$–NaCl	38.8–12.2–49.0	440.0	437
2449	KCl–NaCl–$PrCl_3$	32.4–19.6–48.0	440.0 ±3.	243
2450	LiCl–TeO_2	23.8	440.0	926
2451	$PbCl_2$–SnS	82.6	440.0	883
2452	BaI_2–SrI_2	23	440.0	1918
2453	K_2SO_4–$ZnSO_4$	43	440.0	1323
2454	KCl–KF–LiF–NaF	2.9–42.0–44.0–11.1	440.0	2658
2455	$Ca(NO_3)_2$–$LiNO_3$–$NaNO_3$	15–43–42	440.0	2806
2456	KCl–NaCl–UCl_3	60–24–16	440.0 ±2	2813
2457	KCl–YCl_3	54	440.0	2835
2458	Cs_2CO_3–K_2CO_3–Li_2CO_3	NA	440.0	2874
2459	KBF_4–KF	76	441.0	1062
2460	KCl–$MgCl_2$–YCl_3	59–38–3	441.0	1154
2461	$PbCl_2$–PbS	75.3	441.0	733 805
2462	K_2SO_4–Na_2SO_4	75	441.0	2959
2463	KF–LiF–RbF	24–50–26	441.0	2917
2464	$MgCl_2$–NaCl	43.8	442.0	1104
2465	$CdCl_2$–RbCl	31	442.0 APP	1918
2466	$CdCl_2$–RbCl	36	442.0 APP	1918

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C		References	
2467	$CsCl-TaCl_5$	63.5	442.0	240		
2468	$AgCl-Na_2CrO_4$	97.5	442.0	7		
2469	$CdBr_2-CsBr$	25	442.0	1008	1010	
2470	Li_2CO_3-LiOH	10.2	442.0	1153	2526	
2471	$CsCl-Cs_2SO_4-Na_2SO_4$	62.5–7.6–29.9	442.0	2969		
2472	$CrCl_2-KCl-NaCl$	17.2–37.8–45	442.0	3001		
2473	$RbBF_4-RbF$	68.5	442.0	3093		
2474	$CsF-LaF_3-LiF$	52–9–39	443.0	1222		
2475	$CaF_2-KF-LiF-NaF$	1.5–41.2–45.6–11.7	444.0	481		
2476	$CdCl_2-CsCl-NaCl$	33–45.5–21.3	444.0	320		
2477	$AgCl-Na_2WO_4$	98	444.0	7		
2478	$LiCl-Li_2SO_4-Li_2WO_4$	63.9–21.7–14.3	444.0	352		
2479	$Cs_2SO_4-NaCl-Na_2SO_4$	12–85.5–2.5	444.0	2954		
2480	$BaCl_2-LiCl-LiF$	19–66–14.9	445.0	512		
2481	$KCl-NaCl-SmCl_3$	21.3–49.3–29.4	445.0	1186		
2482	$KCl-ScCl_3$	51	445.0	1232		
2483	$KCl-ScCl_3$	52 APP	445.0	2212		
2484	$AgCl-CaCl_2-Ca(NO_3)_2$	83–14–2.9	445.0	198		
2485	$LiCl-Li_2CO_3-Li_2SO_4$	52.9–19.8–27.2	445.0	454		
2486	$Ag_2S-Cu_6As_4S_6$	92.8	445.0	2224		
2487	BeF_2-RbF	74	445.0	3132		
2488	$CsF-LiF-NaF$	54–9–37	446.0	1221		
2489	$LiF-NaF-ZrF_4$	30.5–24–45.5	446.0	1258		
2490	$MnCl_2-RbCl$	27	446.0	286		
2491	$AgCl-LiBr$	85	446.0 APP	1379		
2492	$CsBr-NaBr-KBr$	48–33–19	446.0	1217		
2493	$NaVO_3-RbVO_3$	40	446.0	2496		
2494	Li_3AlF_6-LiCl	8.3	446.0	3041		
2495	KBF_4-ZrO_2	90	447.0	977		
2496	$KCl-MgCl_2-UCl_3$	48–27–25	447.0	2217		
2497	$CsCl-NaI$	75	447.0	1010		
2498	$LiF-NaF-RbF$	45–10–45	447.0	2917		
2499	$CsF-LiF-NaF$	41–48–11	448.0	1221		
2500	$LiF-MnF_2-RbF$	46–0.5–53.5	448.0	2432		
2501	$LiF-RbF$	49.5	448.0	511		
2502	$LiBr-LiF$	75	448.0	900		
2503	$KCl-MnCl_2$	36	448.0	1366		
2504	$AgCl-CaCl_2$	82.6	448.0	156		
2505	Na_2SO_4-TlBr	.5	448.0	871		
2506	$Li_2WO_4-Na_2CrO_4-Na_2WO_4$	42.5–32–24.5	448.0	3032		
2507	BeF_2-CsF	48	449.0	1986		
2508	$KCl-MnCl_2$	36	449.0	1077		
2509	$AgCl-Li_2WO_4$	99	449.0	7		
2510	$Ag_2S-Cu_6 \cdot 5As_2S_6.2_5$	82.6 APP	449.0	2224		
2511	$CsBr-KBr-NaBr$	40–20–40	449.0 ±3	2631		
2512	$BeF_2-LiF-ZrF_4$	31–65–4	450.0	1519		
2513	$LiF-RbF$	50	450.0	1918		
2514	$CaCl_2-CaF_2-LiCl$	29.8–4.3–65.8	450.0	361		
2515	$BaCl_2-CaCl_2-NaCl$	14.5–47–38.5	450.0	70	113	529
2516	$KCl-NaCl-VCl_3$	10–54–36	450.0	1204		
2517	$LuCl_3-NaCl$	40	450.0	2495		
2518	$MgCl_2-NaCl$	40 APP	450.0	90	276	400
2519	$KCl-MnCl_2$	35	450.0	499	713	
2520	$CsCl-ThCl_4$	45.5	450.0	54		
2521	$BaCl_2-CdCl_2$	43	450.0	61	395	716
2522	$CsBr-PbCl_2$	68.8	450.0	1994		
2523	$LiCl-LiH$	68	450.0	1015		
2524	$PbCl_2-PbS$	80	450.0	1256		

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
2525	$BaBr_2$–SrI_2	20 APP	450.0	1918
2526	BaI_2–SrI_2	20	450.0	512
2527	Li_2CrO_4–LiOH	63.9	450.0	942
2528	K_2SO_4–$ZnSO_4$	57	450.0	1323
2529	K_2TiF_6–Li_2TiF_6–Na_2TiF_6	2–85–13	450.0	2934
2530	$CaCl_2$–$CaSO_4$–LiCl	32.2–3.4–64.4	450.0	2961
2531	K_2NbCl_5–LiCl–LiF	30.7–45.3–24	450.0	2828
2532	$CaCl_2$–NaCl–$SrCl_2$	48.5–41–10.5	450.0	2892
2533	$BaCl_2$–$CdCl_2$	43	450.0	3164
2534	B_2O_3–SiO_2	1 APP	451.0 ±1	1150
2535	$KBeF_3$–KPO_3	20	452.0	3245
2536	NaCl–VCl_3	71	452.0	428
2537	AgCl–$MgCl_2$	87.5	452.0	156
2538	CsCl–$PbBr_2$	68.0	452.0	1994
2539	$CoCl_2$–LiCl–Li_2SO_4	13.9–61.1–25	452.0	375
2540	NaBr–TlBr	25	452.0	52 245 283
2541	KVO_3–$NaVO_3$	79	452.0	1979
2542	CsCl–NaBr–RbCl	37.5–37.5–25	452.0	2812
2543	LiBr–LiF	70.7	453.0	1066
2544	NaCl–$PuCl_3$	64	453.0	418 470
2545	$PbCl_2$–PbS	75	453.0	883
2546	LiBr–$SrBr_2$	67.5	453.0	1918
2547	LiBr–LiH	70.3	453.3	1321
2548	KF–LiF–NaF	42–46.5–11.5	454.0	8 24 48 179 429 481
2549	$PbCl_2$–PbF_2	90	454.0	801
2550	LiCl–LiF–LiH	56–23–21	454.0	1014
2551	$BaCl_2$–$CaCl_2$–NaCl	17–47–36	454.0	1096
2552	NaCl–$YbCl_3$	40	454.0	2495
2553	$HoCl_3$–KCl	45	454.0	1289
2554	$MnCl_2$–RbCl	33	454.0	1077
2555	$CsVO_3$–$NaVO_3$	57.5	454.0	2496
2556	LiCl–$TiCl_3$	83	454.0	3030
2557	$KBeF_3$–KPO_3	20	455.0	1413
2558	KCl–$KTaOCl_4$	14.5	455.0	1294
2559	KCl–$MgCl_2$–$ZrCl_4$	45.5–52.7–1.8	455.0	1125
2560	LiCl–Li_2SO_4–Li_2CO_3	52.9–27.2–19.8	455.0	454
2561	Li_2MoO_4–$Li_4P_2O_7$–$Na_4P_2O_7$	64.9–33.8–1.3	455.0	1123
2562	K_2SO_4–V_2O_5	55	455.0	2735
2563	LiCl–UCl_3–UF_4	13–34–53	455.0 ±2	2830
2564	KF–K_2NbCl_5–LiF	37.6–41.7–17.1	455.7	2828
2565	BeF_2–LiF	20	456.0	149 429 810
2566	BeF_2–LiF	33.3	456.0	149 429 810
2567	KCl–Li_2SO_4	48.5	456.0	133 351
2568	KCl–Li_2SO_4	42.5	456.0	2941
2569	$BaCl_2$–LiCl–NaCl	18.3–60.4–21.3	456.0	3040
2570	NaBr–Na_2CO_3–RbBr	40–14–46	456.0	2826
2571	$CaCl_2$–NaCl–$SrCl_2$	30–40–30	456.0	2892
2572	KF–LiF–NaF	42–46.5–11.5	457.0	48
2573	$CaCl_2$–$PbCl_2$	21	457.0	2660
2574	$AgVO_3$–KVO_3	82	457.0	2680
2575	KI–KIO_3	41	457.0	3192
2576	$CaCl_2$–$CeCl_3$–NaCl	48–21–31	458.0	742 2447
2577	$FeCl_2$–RbCl	40.5	458.0	1365
2578	$CdCl_2$–CsCl	36	458.0	825
2579	$CdCl_2$–CsCl	70.9	458.0	320
2580	LiCl–Li_2SO_4–NaCl	54.8–29–16.1	458.0	133 2296
2581	Na_2O–TeO_2	16.7	458.0	2194
2582	KBF_4–KF–NaF	NA	458.0	2697

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
2583	Cs_2MoO_4–MoO_3	55	458.0	2871
2584	LiCl–LiF–LiH	60.3–19.8–19.8 APP	459.0	1862
2585	$MgCl_2$–RbCl	29	459.0	77 163
2586	$MgCl_2$–$PbCl_2$	19	459.0	156 191
2587	KBr–TlBr	12.5	459.0	782
2588	KBr–TlBr	13	459.0	245 1303
2589	CsF–LiF–YF_3	48–51.8–0.2	460.0	1291
2590	LiF–NaF–ZrF_4	42–29–29	460.0	1258
2591	KF–PbF_2	59.6	460.0	368 390
2592	$CaCl_2$–KCl–NaCl–NaF	47.6–8.1–41.3–2.9	460.0	1277
2593	LiF–Li_2CrO_4	25	460.0	443
2594	$CaCl_2$–KCl–$MgCl_2$–NaCl	41.6–2.2–8.8–47.4	460.0	966
2595	$CaCl_2$–$LaCl_3$–NaCl	35–13–52	460.0	457
2596	KCl–$SmCl_3$	40	460.0	1011
2597	$MnCl_2$–RbCl	69	460.0	1077
2598	CsCl–$ThCl_4$	54.2	460.0	54
2599	$MnCl_2$–TlCl	62	460.0	1077
2600	Li_2SO_4–NaCl–Na_2SO_4	57.5–23–19.5	460.0	2296
2601	CsBr–NaBr	62.5	460.0	768
2602	Cu_2S–FeS–Na_2S	22.6–13.2–64.2	460.0	1052
2603	KPO_3–$LiPO_3$	35	460.0	1900
2604	K_2CO_3–$MgCO_3$	57±3	460.0	1957 2124
2605	$BaMoO_4$–LiCl	82.8	460.0	3228
2606	$BaMoO_4$–LiCl	17.2	460.0	2641
2607	KBF_4–KF	74.5±1	460.0 ±2	2703
2608	CsBr–NaBr–NaF	56.5–20.8–20.8	460.0	2968
2609	RbBr–TlBr	26	460.0	3060
2610	CsCl–$ThCl_4$	40	460.0 ±2	2856
2611	$BaCl_2$–LiCl–Li_2SO_4	12–42.5–45.5	460.0	2876
2612	LiCl–$PuCl_3$	72	461.0	418
2613	$FeCl_2$–RbCl	30	461.0	1365
2614	$CuSO_4$–K_2SO_4	45	461.0	3148
2615	$PbCl_2$–PbF_2	57	461.5	3150
2616	CaF_2–CsF–LiF	0.25–60.6–39.1	462.0	2121
2617	K_2TiF_6–LiCl	37	462.0	468
2618	K_2TiF_6–LiCl	5.5	462.0	3244
2619	NaCl–$TiCl_3$	60	462.0	75 491 775 818
2620	$CrCl_2$–KCl	41.5	462.0	1173
2621	K_2UCl_6–$UOCl_2$	57	462.0	1394
2622	$AgVO_3$–KVO_3	23	462.0	2680
2623	K_2NbCl_5–LiCl–LiF	28.5–39.3–24.2	462.0	2828
2624	$FeCl_2$–RbCl	64	463.0	1365
2625	NaCl–Na_2SO_4–RbCl	3–57–40	463.0	2844
2626	Cs_2MoO_4–MoO_3	49.5	463.0	2871
2627	LiCl–LiF–NaCl	63.5–19–17.5	464.0	994
2628	$CrCl_2$–KCl	39.5	464.0	1235
2629	KCl–$NbOCl_3$	68.5	464.0	1050
2630	KCl–$TbCl_3$	55	464.0	1482
2631	$CoCl_2$–RbCl	42.7	464.0	503
2632	RbCl–$SmCl_3$	55	464.0	1011
2633	$CdCl_2$–Li_3VO_4	85	464.0	766
2634	$K_4P_2O_7$–KVO_3	22.5	464.0	2681
2635	CsBr–$NaBO_2$–NaBr	59–1.5–39.5	464.0	2702
2636	$BaSO_4$–LiCl–Li_2SO_4	33–49–18	464.0	2876
2637	KF–PbF_2	58	465.0	390
2638	CsF–ZrF_4	45	465.0	991
2639	BeF_2–PbF_2	32	465.0	151
2640	CaF_2–LiCl–NaCl	13–73–14	465.0	1912

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References					
2641	$CdCl_2$–CdF_2–LiF	67–27.2–5.8	465.0	2468					
2642	$CaCl_2$–KCl–NaCl	50–7.25–42.75	465.0	99	461				
2643	$Fe_2(SO_4)_3$–NaCl–Na_2SO_4	13.5–53.5–33	465.0	1704					
2644	CsBr–$PbBr_2$	68.4	465.0	1994					
2645	KBr–K_2CrO_4–Li_2CrO_4	22–40.5–37.5	465.0	2989					
2646	$CrCl_2$–KCl	61	466.0	1235					
2647	$CoCl_2$–RbCl	58.3	466.0	503					
2648	KCl–$ZnSO_4$	34.4	466.0	327					
2649	Li_2MoO_4–Na_2MoO_4	51	466.0	1123					
2650	CsBr–NaBr	58	466.0	2702					
2651	$CaSO_4$–LiCl–Li_2SO_4	6.8–64–29.2	466.0	2961					
2652	$CrCl_2$–KCl	39	467.0	784					
2653	KCl–$MgCl_2$	42	467.0	1125					
2654	$CaCl_2$–$PbCl_2$	34	467.0	156					
2655	KCl–KF–LiF	6.5–47.5–46	468.0	907					
2656	NaCl–$PrCl_3$	63	468.0 ±2.	243					
2657	$Cs_2O(Cs_2CO_3)$–V_2O_5	21.5	468.0	854					
2658	KPO_3–$LiPO_3$	60	468.0	1900					
2659	K_2CO_3–Li_2CO_3	41	468.0	2526					
2660	KCl–$TiCl_3$–$ZrCl_4$	42–48–10	468.0	2837					
2661	KCl–K_2TaCl_5–NaF	11–85–4	468.0	2869					
2662	K_2TiF_6–LiF–Li_2TiF_6	50–15–35	468.0	2879					
2663	TeO_2–V_2O_5	75.5	469.0	975					
2664	CsF–LiF	64	470.0 ±5	422					
2665	LiF–RbF	56	470.0	1918					
2666	NaF–ZrF_4	56	470.0	4	24	153	155	429	467
2667	$CeCl_3$–KCl–NaCl	37.3–17.6–45	470.0	745					
2668	$CrCl_2$–KCl	33.3	470.0	1173					
2669	KCl–K_2VOCl_4	18.5	470.0	2388					
2670	KCl–$MgCl_2$	42.8	470.0	156					
2671	$CdCl_2$–CsCl	21.9	470.0	320	825				
2672	$BaCl_2$–$ZnCl_2$	44	470.0	1918					
2673	KBr–$ZnSO_4$	41.3	470.0	3249					
2674	KBr–K_2CO_3–Li_2CO_3	1–45–54	470.0	2052					
2675	K_2CO_3–KO_2	12.8	470.0	2234					
2676	$AgPO_3$–$NaPO_3$	80	470.0	3069					
2677	$AgPO_3$–$Mg(PO_3)_2$	97.5	470.0	3081					
2678	$BeCl_2$–KCl–YCl_3	16–72–12	470.0	2739					
2679	PbO–TeO_2	26	470.0	2750					
2680	CsCl–UCl_3	76	470.0	2831					
2681	$AgPO_3$–$Ca(PO_3)_2$	85	471.0	2643					
2682	BaF_2–KF–LiF	3–47–50	472.0	8	475				
2683	CaF_2–LiCl–LiF	12.7–64.2–23.1	472.0	361					
2684	K_2TiF_6–LiCl	15	472.0	3244					
2685	K_2TiF_6–LiCl	63.8	472.0	468					
2686	LiF–PbF_2–$PbSO_4$	19–61–20	472.0	280					
2687	$CrCl_2$–KCl	64	472.0	784					
2688	$CdCl_2$–RbCl	25	472.0	512					
2689	$MgCl_2$–RbCl	35.5	472.0	77	163				
2690	$PbCl_2$–$PbSO_4$	96.5	472.0	208					
2691	Na_2SO_4–$ZnSO_4$	45	472.0	511					
2692	CsCl–NaBr	NA	472.0	2758					
2693	NaBr–RbBr–Rb_2CO_3	31.5–25.5–43	472.0	2826					
2694	LiCl–Na_2TiF_6	55.7	473.0	468					
2695	LiCl–Na_2TiF_6	92.6	473.0	3244					
2696	$CrCl_2$–KCl	30.3	473.0	1235					
2697	LiCl–Li_2SO_4–$NiCl_2$	68.4–28.9–2.6	473.0	369					
2698	CaF_2–LiCl–NaCl	9.9–71.4–18.7	474.0	1361					

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References					
2699	$CrCl_2$–KCl	60	474.0	1173					
2700	LiBr–Li_2SO_4	73	474.0	2055					
2701	K_2CO_3–Li_2CO_3	56	474.0	2526					
2702	$CsVO_3$–KVO_3	47.5	474.0	2699					
2703	Ag_2SO_4–Tl_2SO_4	67	474.0	3124					
2704	$CaCl_2$–LiCl	36	475.0	42 816	96	98	261	389	776
2705	$CaCl_2$–LiCl	37	475.0	96	98				
2706	$BaCl_2$–KCl–$MgCl_2$–NaCl	8.7–52.3–18.2–20.7	475.0	966					
2707	$CrCl_2$–KCl	30	475.0	784					
2708	$CdCl_2$–$CdSO_4$–NaCl	35.5–35.5–29	475.0	304					
2709	$SrBr_2$–SrI_2	32.5	475.0	1918					
2710	NaI–RbI	50	475.0	1128					
2711	BaI_2–SrI_2	17	475.0	1918					
2712	PbO–V_2O_5	50	475.0	1188					
2713	K_2SO_4–$ZnSO_4$	23	475.0	1323					
2714	Ga_2S_3–Sb_2S_3	27	475.0	3075					
2715	As_2S_3–Na_2S	12 APP	475.0 ±5	3091					
2716	$CaCl_2$–CsCl–LiCl	32.4–4.0–63.6	475.0	2759					
2717	CaF_2–CsF–LiF	0.75–44.3–54.9	476.0	2121					
2718	CsF–LiF–MnF_2	58–40–2	476.0	1798					
2719	CsCl–$PbCl_2$	56	476.0	1103					
2720	$CdCl_2$–$InCl_3$	51	476.0	397					
2721	LiBr–Li_2CO_3	87.3	476.0	2052					
2722	$LiPO_3$–$NaPO_3$	50	476.0	1900					
2723	$BaSO_4$–Li_2SO_4–RbCl	2–58–40	476.0	2793					
2724	$PbCl_2$–$Pb_3(VO_4)_2$	94	476.0	3158					
2725	BeF_2–PbF_2	21	477.0	151					
2726	KF–$K_4P_2O_7$–LiF	43.6–3.4–53	477.0	1107					
2727	$CaCl_2$–LiCl	36	477.0	261					
2728	$BaCl_2$–$CaCl_2$–KCl–NaCl	13.1–16.9–47.3–22.7	478.0	1276					
2729	LiCl–Li_2SO_4	63.5	478.0	133	347	352	363	375	549
2730	$PbCl_2$–$PbSO_4$	4	478.0	1103					
2731	Na_2SO_4–$ZnSO_4$	57.5	478.0	511					
2732	$BeCl_2$–KCl–NaCl	20–64–16	478.0	2978					
2733	$BaSO_4$–Li_2SO_4–RbCl	1–40–59	478.0	2793					
2734	KF–LiF–Li_2TiF_6	46–53–1	478.0	2879					
2735	LiCl–Li_2SO_4	NA	478.0	3145					
2736	CsF–LiF	60	479.0	1221	1291	1310			
2737	$BaCl_2$–$CaCl_2$–KCl–NaCl	9.3–22.2–42.7–25.8	479.0	1276					
2738	$MnCl_2$–RbCl	70	479.0	286					
2739	CsF–LaF_3–LiF	45–20–35	480.0	1222					
2740	$CdCl_2$–CdF_2	70	480.0 ±5	26					
2741	PbF_2–K_2SO_4	77.5	480.0	368					
2742	$CaCl_2$–LiCl	39	480.0	42					
2743	$CaCl_2$–CsCl–NaCl	52.1–1.7–46.2	480.0	185					
2744	CsCl–KCl–NaCl	45.5–24.5–30	480.0	789					
2745	NaCl–$ScCl_3$	62	480.0	971	2211				
2746	KCl–$NdCl_3$	50	480.0	114					
2747	CsCl–Cs_2VOCl_4	32.5	480.0	2388					
2748	AgI–CuI	48 APP	480.0 APP	1918					
2749	CaO–P_2O_5	8 APP	480.0 APP	2100					
2750	Cu_2S–Na_2S	39.8	480.0	859					
2751	Cs_2MoO_4–Na_2MoO_4	42.5	480.0	1158					
2752	K_2SO_4–MoO_3	40 APP	480.0	2706					
2753	B_2O_3–MoO_3–PbO	NA	480.0	2824					
2754	RbI–TlCl	64.5	481.0	2757					
2755	$CdCl_2$–UCl_4	54.2	481.5	2741					

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
2756	$LiCl-Na_2TiF_6$	37.7	482.0	3244
2757	$LiCl-Na_2TiF_6$	38	482.0	468
2758	$KF-K_2WO_4-LiF$	46.7–1.5–51.8	482.0	489
2759	$CaCl_2-CsCl-NaCl$	1.3–64.2–34.5	482.0	185
2760	$KCl-MgCl_2-ZrCl_4$	68.6–18.6–12.8	482.0	1125
2761	$KCl-SmCl_3$	44 .	482.0	950
2762	$CsCl-NaBr$	62.5	482.0	1689
2763	$LiCl-Li_2SO_4$	63.5	482.0	2564
2764	$SrCl_2-Sr(NO_3)_2$	53	482.0	239 680
2765	$LiBO_2-LiCl-Li_2WO_4$	5.3–49.6–45.1	482.0	193
2766	$CsBr-NaBr$	57	482.0	1689
2767	$LiCl-Li_2SO_4$	46.5	482.0	2763
2768	$KF-LiF-SrF_2$	46.5–50.1–3.4	483.0	474
2769	$KBF_4-K_2ZrF_6$	68	483.0	1202
2770	$KCl-PrCl_3$	43	483.0	243 264 505
2771	$BaBr_2-LiBr$	25	483.0	62
2772	$BaBr_2-LiBr$	NA	483.0	3135
2773	$KF-LiF$	50	484.0 ±8	8 15 138 179 300 474 475 481
2774	$LiCl-LiF$	69.5	484.0	46
2775	$KF-KVO_3-NaF$	11–87–2	484.0	299
2776	$LiCl-Li_2SO_4$	64.4	484.0	826
2777	$K_2MoO_4-MoO_3$	47.6	484.0	1205
2778	$K_2CO_3-K_2Mo_4O_{13}$	54	484.0	1281
2779	KVO_3-NaVO_3	86	484.0	2496
2780	$NaF-ZrF_4$	48	485.0	4 24 153 155 429 467
2781	PbF_2-RbF	32	485.0	390
2782	$CaCl_2-CaF_2-LiCl$	6.0–15.1–78.8	485.0	361
2783	$LiCl-LiF$	73.6	485.0	1066
2784	$LiCl-LiF$	80	485.0	46
2785	$RbCl-Rb_2VOCl_4$	43	485.0	2388
2786	$CaCl_2-CaSO_4-NaCl$	51.7–2.7–45.5	485.0	1683
2787	$CaSO_4-NaCl-Na_2SO_4$	2.7–45.5–51.7	485.0	1439 1683
2788	$FeS-Na_2S-PbS$	24.7–61–14.3 APP	485.0	2260
2789	$Li_2WO_4-Na_2WO_4$	48	485.0	2955
2790	$B_2O_3-PbO-V_2O_5$	24.5–74–1.5	485.0	3094
2791	$KCl-K_2NbCl_5-LiF$	27.5–54.6–17.9	485.0	2828
2792	$BeF_2-NaF-UF_4$	17–72.5–10.5	486.0	856
2793	$CsCl-NaCl$	65 APP	486.0	61 89 185 320 435 768 789
2794	$LiCl-LiH$	63	486.0	1014
2795	$NaBr-SrBr_2$	56	486.0	793
2796	$MoCl_3-NaCl$	52.5	486.0	2935
2797	$NaBr-RbBr-Rb_2CO_3$	32–35–33	486.0	2826
2798	$KF-K_2NbCl_5-LiF$	29–50–21	486.0	2828
2799	$K_2CrO_4-KF-LiF$	.5–48–51.5	486.0	2855
2800	$K_2TaCl_5-NaCl-NaF$	86–5–9	486.0	2869
2801	$NaBr-SrBr_2$	NA	486.0	3135
2802	$KF-LiF$	50	487.0	1107
2803	$LiCl-SrCl_2$	63	487.0	411
2804	$CeCl_3-NaCl$	47	487.0	743
2805	$AgCl-LiBr$	26	487.0 APP	1379
2806	$CaCl_2-MgCl_2-UCl_4$	9–38–53	487.0	2948
2807	$KCN-Zn(CN)_2$	NA	487.0	3111
2808	$LiCl-LiF$	70	488.0	900
2809	$KCl-KF-KI$	34–25–41	488.0	512
2810	$LiCl-SrCl_2$	67.7	488.0	758
2811	$CeCl_3-NaCl$	32.5	488.0	437

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References					
2812	$KCl-SmCl_3$	50 APP	488.0	832					
2813	$CdCl_2-CsCl$	36	488.0	320					
2814	$CdCl_2-CsCl$	71	488.0	825					
2815	$K_2CO_3-Li_2CO_3$	38	488.0	881					
2816	$K_2CO_3-K_2Mo_4O_{13}$	44	488.0	1281					
2817	$CaF_2-KF-LiF$	2.3–48.6–49.1	490.0	481					
2818	$CsF-LiF$	47.5	490.0	1221					
2819	$CsF-LiF$	48	490.0	1291	1310				
2820	$CaCl_2-CaF_2-NaF$	50–1.5–48.5	490.0	206					
2821	$NaF-PbF_2-PbSO_4$	10–59–32.5	490.0	367					
2822	$NaF-NaPO_3$	25	490.0	1275	1362				
2823	$BaCl_2-LiCl-NaCl$	19.7–61.7–19.6	490.0	897					
2824	$CaCl_2-NaCl$	55	490.0	261					
2825	$CsCl-NaCl$	65.5	490.0	768					
2826	$EuCl_3-KCl$	15	490.0	1482					
2827	$KCl-SmCl_3$	25	490.0	1011					
2828	$BaCl_2-CaCl_2-CeCl_3$	21–49–30	490.0	2447					
2829	$CdCl_2-InCl_3$	56	490.0	1478					
2830	$KCl-K_2SO_4-K_2WO_4-Li_2WO_4$	13.3–11.1–37.8–37.8	490.0	351					
2831	$LiCl-Li_2WO_4$	58.5	490.0	352	549				
2832	$SrI_2-Sr_3N_2$	99.5	490.0	1172					
2833	$Na_2O-TiO_2-V_2O_5$	57.5–2–40.5	490.0	843					
2834	Li_2SO_4-RbCl	21	490.0	2763					
2835	$RbI-SbI_3$	72	490.0	2820					
2836	$LiCl-UCl_3$	74	490.0	2831					
2837	$NaCN-NaCNO$	NA	490.0	3206					
2838	$CaCl_2-LiCl$	33.3	491.0	2759					
2839	$KF-LiF$	50	492.0	1090					
2840	$KF-LiF$	50.5	492.0	907					
2841	CaF_2-LiCl	17.6	492.0	852					
2842	CaF_2-LiCl	17.7	492.0	361					
2843	$NaCl-K_2ZrF_6$	32	492.0	962					
2844	$KF-KVO_3$	12	492.0	299					
2845	$CaCl_2-LiCl$	36.3	492.0	42	96	98	261	389	776
				816					
2846	$CsCl-Cs_2VOCl_4$	66	492.0	2388					
2847	$KCl-KVO_3$	17	492.0	298					
2848	$Li_2WO_4-Na_2WO_4$	52	492.0	512					
2849	$CsBr-Cs_2CO_3$	65	492.0	2907					
2850	$CsCl-NaCl$	65	493.0	61					
2851	$CsCl-NaCl$	66	493.0	841	900				
2852	$CdWO_4-LiCl$	14.9	493.0	766					
2853	$Rb_2O-V_2O_5$	21.5	493.0	2069					
2854	$CsCl-CsI$	52	493.0	2832					
2855	PbF_2-PbO	54	494.0	62					
2856	$CaCl_2-NaCl$	52.9	494.0	290					
2857	$GdCl_3-KCl$	55	494.0	1046					
2858	$CsI-KI$	79	494.0	1308	1685				
2859	$Li_2WO_4-Na_2WO_4-WO_3$	43–53–4	494.0	2893					
2860	KBF_4-KF	80	495.0	1202					
2861	BeF_2-CaF_2	89	495.0	150					
2862	$CaCl_2-NaCl$	53.8	495.0	1439					
2863	$CsCl-NdCl_3$	50	495.0	114					
2864	$NaBr-RbBr$	45	495.0	1128					
2865	$NaBr-RbBr$	46.5	495.0	430					
2866	$Ca(NO_3)_2-Sr(NO_3)_2$	59.3	495.0	1237					
2867	$CaBr_2-LiBr-NaBr$	51.5–7.6–40.9	495.0	3089					
2868	$BaCl_2-CeCl_3-NaCl$	4–33–63	495.0	2860					

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References					
2869	LiCl–LiH	66	495.6	822					
2870	KI–K_2ZrF_6	44	496.0	1435					
2871	$CaCl_2$–LiCl	38	496.0	776					
2872	$PuCl_3$–UCl_3	56	496.0	2664					
2873	Li_2SO_4–RbCl–Rb_2SO_4	56.4–35.4–8.2	496.0	2763					
2874	K_2CrO_4–KF–Li_2CrO_4	49–15–36	496.0	2855					
2875	CsI–NaCl	65	497.0	1010					
2876	$BaCl_2$–$Ba(NO_3)_2$	37.3	497.0	10					
2877	$AgPO_3$–$NaPO_3$	43	497.0	3069					
2878	Ag_2SO_4–Tl_2SO_4	67	497.0	3117					
2879	NaF–PbF_2	32	498.0	367	390				
2880	LiCl–LiF	70	498.0	907					
2881	$CaCl_2$–NaCl	52.5–55	498.0 ±8.	42	59	62	183	255	259
				461	529				
2882	CsCl–$FeCl_2$	20.7	498.0	2497					
2883	LiCl–Li_2MoO_4	58.1	498.0	766					
2884	Rb_2O–V_2O_5	21	498.0	1134					
2885	K_2CO_3–Li_2CO_3	57.3	498.0	881					
2886	CsI–RbCl	55.5	498.0	2942					
2887	Li_2SO_4–RbCl	47.5	498.0	2763					
2888	KCl–UCl_3–UF_4	46.5–48.5–5	499.0	2217					
2889	$CeCl_3$–NaCl	46	499.0	742	2447				
2890	CsCl–$MnCl_2$	79.5	499.0	286					
2891	Li_2SO_4–NaCl	58.7	499.0	133	347	408			
2892	$MnCl_2$–$SrCl_2$	45	499.0	3164					
2893	Li_2CO_3–Na_2CO_3	53.3	499.8	1263					
2894	HfF_4–NaF	42	500.0	1828	2022				
2895	NaF–ZrF_4	59.5	500.0	4	24	153	155	429	467
2896	CsF–PbF_2	72	500.0	72					
2897	$CdCl_2$–LiCl	(63–64)	500.0	14	374	689	766		
2898	$CdCl_2$–LiCl	60	500.0	870					
2899	$CdCl_2$–LiCl	63–64	500.0	1174					
2900	$CdCl_2$–LiCl	70 APP	500.0 APP	1918					
2901	K_2NbCl_5–LiCl	32	500.0	1479					
2902	$CaCl_2$–NaCl	52.8	500.0	156					
2903	$CaCl_2$–NaCl–RbCl	52.5–45–2.5	500.0	184					
2904	$EuCl_3$–KCl	45	500.0	1482					
2905	KCl–$TbCl_3$	15	500.0	1482					
2906	$MnCl_2$–$SrCl_2$	36	500.0	61	716				
2907	NaCl–$NiSO_4$	75	500.0	2505					
2908	CuI–InI_3	92.5	500.0	901					
2909	PbO–$PbTeO_3$	45	500.0	2067					
2910	Cu_2S–Na_2S–PbS	64.5–6.6–28.9	500.0	1850					
2911	Na_2SO_4–UO_2SO_4	72	500.0	1857					
2912	$Ba(NO_3)_2$–$Ca(NO_3)_2$	41.9	500.0	1237					
2913	Li_2CO_3–Na_2CO_3	52	500.0	881					
2914	$BaTiO_3$–KVO_3	0.5	500.0	723					
2915	$CdCl_2$–CdS	74	500.0	2612					
2916	$CdCl_2$–CdS	73.6	500.0 ±5	2656					
2917	KCl–NaCl–$SrCl_2$	33–31–36	500.0	2730					
2918	KBr–NaBr–RbCl	22–46–32	500.0	2937					
2919	NaBr–RbCl	54	500.0	2937					
2920	Rb_2TeO_3–TeO_2	36.5	500.0	3007					
2921	KVO_3–$Mg(VO_3)_2$	89	500.0	3086					
2922	KCl–$KReO_4$	25	500.0 ±5	2765					
2923	KBr–$KReO_4$	50	500.0 ±5	2765					
2924	KI–$KReO_4$	60	500.0 ±5	2765					
2925	KCl–$KReO_4$	25	500.0 ±5	2751					

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References			
2926	$KBr-KReO_4$	50	500.0 ±5	2751			
2927	$KI-KReO_4$	60	500.0 ±5	2751			
2928	$CsCl-CsReO_4$	40	500.0	2751			
2929	$Ba(NO_3)_2-Ca(NO_3)_2$	38	500.0	2804			
2930	$CuI-Nb_3I_8$	71.6	500.0	2840			
2931	$RbCl-UCl_3$	55	500.0	2831			
2932	$LiCl-ThF_4$	71	500.0 ±2	2848			
2933	$Ag_2SO_4-Tl_2SO_4$	38	500.0	3124			
2934	LiCl–LiF	69.5	501.0	46	1059		
2935	$CoCl_2-CsCl$	65	501.0	503			
2936	$CsF-CsVO_3$	24.5	501.0	3175			
2937	$LiF-ZrF_4$	50	502.0	1227			
2938	$CdCl_2-LiCl$	60	502.0	14	374	689	766
2939	$CdCl_2-SrCl_2$	58	502.0	61	716		
2940	CsCl–CsI	53	502.0	1010			
2941	$Li_2SO_4-Tl_2SO_4$	24.5	502.0	824			
2942	$KCl-NaCl-SrCl_2$	22–32–46	502.0	2730			
2943	$BaCl_2-LiCl-RbCl$	21.2–30.3–48.5	502.0	3074			
2944	$Ca(VO_3)_2-KVO_3$	NA	502.0	2838			
2945	$CdCl_2-LiCl$	60 SER SOLID SOL	502.0	3139			
2946	$CdCl_2-SrCl_2$	58	502.0	3164			
2947	$NaF-ZrF_4$	58	503.0	1175	1258		
2948	$CoCl_2-RbCl$	28	503.0	503			
2949	$RbCl-YCl_3$	54	503.0	2236			
2950	$BaCl_2-MnCl_2$	37	503.0	3240			
2951	CsCl–RbI	44.5	503.0	2942			
2952	$CeCl_3-NaCl$	34	503.0	2860			
2953	$RbI-RbIO_3$	60	504.0	2323			
2954	$AgI-Tl_2SO_4$	97	504.0	3117			
2955	$Li_2CO_3-Rb_2CO_3$	64	504.0	3155			
2956	$CaCl_2-NaCl-RbCl$	11.2–32.8–56.0	505.0	184			
2957	$CeCl_3-NaCl$	36.7	505.0	745			
2958	$CsCl-NbOCl_3$	70.9	505.0	1050			
2959	$Ag_2Se-SnSe_2$	41 APP	505.0 ±3	2021			
2960	$KCl-TiCl_2-TiCl_3$	44–44–12	505.0	2669			
2961	$Bi_2Te_3-Tl_9BiTe_6$	30	505.0	2690			
2962	$K_2SO_4-V_2O_5$	31	505.0	2735			
2963	$CaCl_2-CaF_2-KCl-NaCl$	20.1–1.8–46.9–31.1	506.0	1277			
2964	$BaBr_2-Ba(NO_3)_2$	39	506.0	894			
2965	InSb–InTe	86.7	506.4	1866			
2966	$LiF-ZrF_4$	51	507.0	1258			
2967	$CsCl-MnCl_2$	73	507.0	286			
2968	$CoCl_2-CoSO_4-Li_2SO_4$	54–16–30	507.0	375			
2969	$K_2MoO_4-NaCl-Na_2MoO_4$	33.1–59.1–7.7	507.0	522			
2970	$LiCl-Li_2CO_3$	75.6	507.0	454			
2971	LiBr–NaBr	83	507.0	831			
2972	LiBr–NaBr	84	507.0	249			
2973	$KVO_3-Mg(VO_3)_2$	40	507.0	3086			
2974	$LiF-Li_2SO_4-PbSO_4$	41–49–10	508.0	280			
2975	$NaCl-VCl_3$	63	508.0	906			
2976	$CsCl-FeCl_2$	78.6	508.0	2497			
2977	$CsCl-FeCl_2$	79	508.0	1365			
2978	KI–NaCl	57.5	508.0	1358			
2979	$K_2WO_4-NaCl-Na_2WO_4$	31.4–55.6–13	508.0	311			
2980	$CsI-CsIO_3$	67	508.0	2323			
2981	$Cs_2CrO_4-PbCrO_4$	61	508.0	1160			
2982	$NaCl-UCl_3$	68	508.0	2831			
2983	$Ca(NO_3)_2-K_2CrO_4$	99 APP	508.0	3174			

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
2984	BeF_2–NaF–ThF_4	22–72–6	509.0	1260
2985	NaF–ZrF_4	52	510.0	1175 1258
2986	$BaCl_2$–LiCl	33	510.0	389
2987	$BaCl_2$–LiCl	34.9	510.0	833
2988	KCl–NaCl–UCl_3	30–35–35	510.0	2217
2989	KCl–NaCl–YCl_3	16.25–54.25–29.50	510.0	1208
2990	$DyCl_3$–KCl	88.5	510.0	1046
2991	$MgCl_2$–RbCl	65	510.0	77 163
2992	CsCl–Cs_2NbOCl_5	40	510.0	1048
2993	CsCl–$SbCl_3$	67.5	510.0	1133
2994	CsCl–$SmCl_3$	55	510.0	1011
2995	CsCl–YCl_3	48	510.0	1286
2996	KI–NaCl	57	510.0	3232
2997	CsCl–$CsPO_3$	47	510.0	2189
2998	K_2MoO_4–Li_2MoO_4–$Li_4P_2O_7$	34.3–64.6–1	510.0	1155
2999	$CdCl_2$–CdSe	78	510.0	2612
3000	K_2SO_4–MoO_3	22 APP	510.0	2706
3001	$BaCl_2$–NaCl–RbCl	22–32–46	510.0	2971
3002	NaCl–Na_2CO_3–NaI	32–18–50	510.0	2990
3003	CsCl–$PuCl_4$	84.5±.5	510.0	2801
3004	KCl–$ThCl_4$–UCl_3	71.5–18–10.5	510.0	2805
3005	NaBr–Na_2CO_3–Rb_2CO_3	40–28–32	510.0	2826
3006	B_2O_3–MoO_3–PbO	NA	510.0	2824
3007	CsCl–$PuCl_4$	NA	510.0	2877
3008	Ag_2SO_4–Tl_2SO_4	37	510.0	3117
3009	$BaCl_2$–$CaCl_2$–CaF_2–KCl	21.1–62.7–7.1–9.2	511.0	876
3010	KCl–NaCl–Na_2TiF_6	31.7–5.4–62.9	511.0	761
3011	CsCl–$MgCl_2$	78.5	511.0	163
3012	NaF–ZrF_4	50.5	512.0	4 24 153 155 429 467
3013	$BaCl_2$–LiCl	25	512.0	128 897
3014	$CdCl_2$–LiCl	33	512.0	120 375 503
3015	CsCl–NaI	23	512.0	1010
3016	KCl–NaI	30	512.0	3232
3017	$CdCl_2$–$CdSO_4$–Li_2SO_4	NA	512.0	374
3018	$CaBr_2$–NaBr	60	512.0 ±2	1918
3019	NaI–RbI	47.5	512.0	1271
3020	Rb_2O–V_2O_5	54	512.0	1134
3021	NaCl–$NaPO_3$–Na_2SO_4	25–71–4 APP	512.0	2716
3022	$CaSO_4$–LiCl	14	512.0	2961
3023	Na_2CO_3–RbBr–Rb_2CO_3	39–30.5–30.5	512.0	2826
3024	$Ca(VO_3)_2$–KVO_3	NA	512.0	2838
3025	$CaCrO_4$–$Ca(NO_3)_2$	2 APP	512.0	3174
3026	KCl–NaCl–$ZrCl_4$	44–36–20	513.0 ±3	1302
3027	K_2MoO_4–Li_2MoO_4	32.5	513.0	1155
3028	$CaBr_2$–NaBr	NA	513.0	3135
3029	CsCl–UCl_4	78	513.3	3246
3030	KBr–K_2CO_3–KF	41.2–25–33.7	514.0	875
3031	$BaCl_2$–LiCl	30	514.0	42
3032	KCl–RbCl–$SrCl_2$	42.5–27–30.5	514.0	2053
3033	RbCl–$ScCl_3$	47 APP	514.0	2212
3034	$CaSO_4$–LiCl	14.4	514.0	2242
3035	KCl–NaCl–Na_2SO_4	55.1–3.5–41.3	514.0	406
3036	KCl–K_2WO_4–Li_2WO_4	27.6–36.2–36.2	514.0	351
3037	LiBr–NaBr	79	514.0	985
3038	KI–RbI	37	514.0	1271
3039	$CuSO_4$–Na_2SO_4	NA	514.0	3148
3040	$CaCl_2$–KCl–NaCl	20.75–47.75–31.5	515.0	99 461
3041	$NbOCl_3$–RbCl	48 APP	515.0 APP	963

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References		
3042	$CrCl_2$–CsCl	19.1	515.0	337	1173	
3043	NaCN–NaI	69.6	515.0	1101		
3044	K_2TiF_6–NaCl–Na_2TiF_6	21.4–30.8–47.8	515.0	2630		
3045	$CaCl_2$–$ThCl_4$–UCl_3	31–49–20	515.0	2803		
3046	KCl–NaCl–$TaCl_3$	60.2–10.–29.8	516.0	1028		
3047	CsI–KI	55	516.0	1127		
3048	$BaCl_2$–NaCl–RbCl	41–29–30	516.0	2971		
3049	Sb_2S_3–SnS_2	78	516.0	2756		
3050	K_2SO_4–Li_2SO_4–$SrSO_4$	NA	516.0	2883		
3051	$BaCl_2$–BaF_2–KCl–NaCl	27.7–1–36.4–34.9	517.0	1167		
3052	$CdCl_2$–LiCl	33	517.0	120	375	503
3053	CsCl–$MnCl_2$	31	517.0	286		
3054	KCl–NaCl–Na_2SO_4	48.51–9.64–41.84	517.0	1427		
3055	Li_2SO_4–Rb_2SO_4–Tl_2SO_4	74–1.5–24.5	517.0	3096		
3056	$CoCl_2$–LiCl	NA	517.0	3145		
3057	KCl–Na_2SO_4	60.9	517.1	513		
3058	KCl–UCl_3–UF_3	44.2–50.8–5	518.0	2217		
3059	KBr–K_2CO_3–NaF	39.7–32.5–27.8	518.0	875		
3060	$CrCl_2$–CsCl	19.5	518.0	784		
3061	CsCl–$MgCl_2$	73.5	518.0	163		
3062	KCl–Na_2TiF_6	29.4	519.0	761		
3063	KCl–NaI	60	519.0	3232		
3064	KPO_3–$Pb(PO_3)_2$	47.5	519.0	3080		
3065	KCl–K_2NbCl_5–LiF	13.4–57.8–21.9	519.2	2828		
3066	$MnCl_2$–MnF_2	62.5	520.0	2595		
3067	PbF_2–$PbSO_4$	73.5	520.0	367	368	
3068	$K_4P_2O_7$–$Li_4P_2O_7$–NaF	16.5–16.6–66.8	520.0	827		
3069	Na_2BeF_4–Na_3PO_4	75	520.0	1236	2171	
3070	KCl–$TaCl_3$	68	520.0	1019	1028	
3071	CsCl–$SbCl_3$	82.5	520.0	1133		
3072	CsCl–YCl_3	51	520.0	2236		
3073	$FeCl_2$–$InCl_3$	35	520.0	1354		
3074	CsBr–$SbBr_3$	85	520.0	1133		
3075	Na_2O–TiO_2–V_2O_5	39–.2–60.8	520.0	843		
3076	K_2WO_4–Na_2WO_4–WO_3	29–43–28	520.0	3036		
3077	$CaCl_2$–RbCl–RbF	1.0–52.5–46.5	520.0	3077		
3078	$Ba(PO_3)_2$–$NaPO_3$	3 APP	520.0	3084		
3079	$MgCl_2$–ThF_4–UCl_3	40–24–46	520.0 ±2	2802		
3080	B_2O_3–MoO_3–PbO	NA	520.0	2824		
3081	KF–K_2TaCl_5	12.5	520.0	2869		
3082	LiF–Li_2TiF_6–Na_2TiF_6	18–50–32	520.0	2879		
3083	$CoCl_2$–CsCl	42.75	521.0	503		
3084	LiBr–LiCl	58.1	521.0	1066		
3085	$CaCl_2$–KCl–$SrCl_2$	10–66.7–23.3	522.0	2384		
3086	CsCl–$FeCl_2$	62	522.0	2497		
3087	CsCl–$FeCl_2$	73.5	522.0	1365		
3088	LiBr–LiCl	59	522.0	909		
3089	LiBr–LiCl	60	522.0	887	899	
3090	CsCl–$CsVO_3$	30	522.0	3175		
3091	$CrCl_2$–RbCl	24.5	523.0	1173		
3092	KCl–NaCl–Na_2TiF_6	45.7–7.0–47.2	524.0	761		
3093	$CeCl_3$–CsCl	50	524.0	114		
3094	CsCl–$FeCl_2$	61.5	524.0	1365		
3095	LiCl–$SrSO_4$	85.7	524.0	758		
3096	K_2SO_4–Li_2SO_4	18	524.0	1372		
3097	Li_2SO_4–$PbSO_4$–Rb_2SO_4	66–14–20	524.0	891		
3098	Cs_2CrO_4–$PbCrO_4$	53.5	524.0	1160		
3099	BeF_2–PbF_2	90	525.0	151		

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References				
3100	$LaCl_3$–NaCl	22	525.0	457				
3101	$LaCl_3$–NaCl	25	525.0	114				
3102	$CrCl_2$–RbCl	65.8	525.0	1173				
3103	$CoCl_2$–$InCl_3$	51	525.0	1354				
3104	Na_2S–PbS	58.5 APP	525.0	2260				
3105	KCl–$TiCl_2$–$TiCl_3$	40–50–10	525.0	2669				
3106	$MgCl_2$–ThF_4–UCl_3	61–24–15	525.0 ±2	2802				
3107	Cs_2MoO_4–MoO_3	27.5	525.0	2871				
3108	K_2SO_4–$LiBO_2$–Li_2SO_4	18–4–78 APP	525.0	3201				
3109	$K_4P_2O_7$–LiF–NaF	18.1–72.6–9.3 APP	526.0	2200				
3110	NaCl–NaF–Na_2CrO_4	32–19.3–48.7	526.0	512				
3111	$CeCl_3$–KCl	49.3	526.0	90	107	114	264	741
3112	CsCl–$MnCl_2$	63.5	526.0	286				
3113	K_2MoO_4–MoO_3	18.7	526.0	1205				
3114	Cs_2SO_4–Li_2SO_4–$PbSO_4$	47.5–9–43.5	526.0	978				
3115	Li_2SO_4–Na_2SO_4–Rb_2SO_4	69–27–4	526.0	3262				
3116	Li_2SO_4–Tl_2SO_4	73.5	526.0	824				
3117	BeF_2–ThF_4	98	527.0	510	754			
3118	$CaCl_2$–YCl_3	50	527.0	1154				
3119	BeF_2–MgF_2	95	528.0	150				
3120	K_2TiF_6–NaCl	32.1	528.0	1149				
3121	KCl–NaCl–$PrCl_3$	56.0–26.0–18.0	528.0 ±3.	243				
3122	$CaCl_2$–KCl–$SrCl_2$	10.9–55.1–34	528.0	2384				
3123	RbCl–$RbTaOCl_4$	33	528.0	1294				
3124	RbCl–$SrCl_2$	74	528.0	2053				
3125	$CoCl_2$–CsCl	18	528.0	503				
3126	KCl–Na_2SO_4	58.6	528.0	1035				
3127	$CaCrO_4$–LiCl	13.3	528.0	1696				
3128	KCl–K_2CO_3–KF	42.9–22.7–34.3	528.0	729				
3129	K_2TiF_6–NaCl–TiO_2	39.1–54.9–5.9	528.0	1149				
3130	$BeCl_2$–KCl	28	528.0	2978				
3131	$BeCl_2$–KCl	27.5	528.0	3048				
3132	KCl–Na_2TiF_6	49.5	529.0	761				
3133	KCl–UCl_4	76	529.0	1394				
3134	Ag_2SO_4–Ag_2WO_4	55	529.0	2292				
3135	NaCl–NaF–NaI	31.6–15.2–53.2	529.4	2711				
3136	NaCl–NaF–NaI	31.6–15.2–53.2	529.5	2442				
3137	$BaCl_2$–K_2TiF_6–NaCl	1.6–28.7–69.6	530.0	772				
3138	KCl–NaCl–Na_2TiF_6	60.6–11.3–28.1	530.0	761				
3139	K_2TiF_6–NaCl	30.3	530.0 APP	272	449			
3140	CsF–Cs_2CO_3	57.	530.0	391				
3141	K_2WO_4–LiF–Li_2WO_4	29–26–45	530.0	489				
3142	$CeCl_3$–KCl–NaCl	19.3–54.1–26.5	530.0	745				
3143	KCl–NaCl–$PrCl_3$	55.2–26.4–18.4	530.0 ±2.	243				
3144	NaCl–$NbCl_4$	70	530.0	791				
3145	CsCl–$CsTaOCl_4$	59.5	530.0	1294				
3146	CsCl–$PbCl_2$–$PbSO_4$	41.3–42.1–16.7	530.0	1103				
3147	$CsBO_2$–CsCl–$LiBO_2$	46–52–2	530.0	2291				
3148	Na_2O–V_2O_5	41	530.0	1433				
3149	K_2SO_4–Li_2SO_4	20	530.0	2129				
3150	Li_2SO_4–Na_2SO_4–$PbSO_4$	63–26–11	530.0	1113				
3151	Li_2SO_4–Na_2SO_4–Rb_2SO_4	45–37–18	530.0	3262				
3152	Cs_2CrO_4–Na_2CrO_4	38	530.0	872				
3153	$CdCl_2$–$CdSO_4$	83	530.0	2612				
3154	$LiBO_2$–LiCl–NaCl	10–77–13	530.0	2702				
3155	$CsBO_2$–NaCl	78.5	530.0	2702				
3156	$CsBO_2$–CsBr–$NaBO_2$	53–34–13	530.0	2702				
3157	K_2MoO_4–$ZnMoO_4$	45	530.0	3052				

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
3158	$BaCl_2$–$CaCl_2$–CsCl	14.6–7.3–78.1	530.0	3063
3159	Al_2O_3–KVO_3	0.0	530.0	2768
3160	PbO–TeO_2	47	530.0	2750
3161	$BaCl_2$–K_2TiF_6–NaCl	16.4–19.1–64.5	531.0	772
3162	KCl–RbCl–$SrCl_2$	32–38–30	531.0	2053
3163	$CaCl_2$–LiCl	44.4	531.0	2759
3164	LiF–Li_2SO_4	44	532.0	391 549
3165	NaCl–NaF–NaI	33–12–55	532.0	512
3166	KCl–Li_2WO_4	61	532.0	351
3167	Cs_2SO_4–Li_2SO_4–Na_2SO_4	19–20–61	532.0	1372
3168	K_2SO_4–Li_2SO_4	19	532.0	3201
3169	$PbBr_2$–PbF_2	25	533.0	802
3170	RbCl–$TiCl_3$	30	533.0	2464
3171	$CaSO_4$–LiCl	14.3	533.0	816
3172	KCl–Na_2TiF_6	68.7	534.0	761
3173	CsCl–$LaCl_3$	55	534.0	114
3174	KCl–K_2CrO_4–NaCl	4–34.2–61.7	534.0	2147
3175	K_2CrO_4–NaCl–Na_2CrO_4	34.3–65.3–0.33	534.0	2147
3176	KBr–$SrBr_2$	50	534.0	1918
3177	Li_2CO_3–Li_2SO_4	38.5	534.0	511
3178	$BaSO_4$–NaCl–RbCl	3.5–42.5–54	534.0	2903
3179	BeF_2–UF_4	99.5 APP	535.0	58
3180	$BaCl_2$–$CaCl_2$–CaF_2–NaF	30–37–7–26	535.0	919
3181	LiF–Li_2SO_4	43	535.0	391 549
3182	K_2WO_4–LiF–Li_2WO_4	45–37–18	535.0	489
3183	$BaCl_2$–$CaCl_2$–KCl	14–28.1–57.9	535.0	1105
3184	KCl–$TiCl_3$	50	535.0	75 434 775 818
3185	CsCl–$ZnCl_2$	82.5	535.0	1918
3186	$MgCl_2$–$SrCl_2$	55	535.0	61 718
3187	K_2CrO_4–NaCl	33.4	535.0	2147
3188	K_2SO_4–Li_2SO_4	20	535.0	965 1063
3189	KCl–K_2TiF_6–NaCl	7.3–27.4–65.4	535.0	2630
3190	Ga_2Se_3–Sb_2Se_3	13	535.0	2670
3191	$NaVO_3$–$Sr(VO_3)_2$	60	535.0	3254
3192	K_2TiF_6–NaCl	65	535.0	3191
3193	KCl–NaCl–Na_3HfF_7	58.2–18.9–22.8	536.0	2042
3194	KCl–NaCl–Na_3ZrF_7	40.7–51.2–8.1	536.0	1698
3195	Na_2SO_4–UO_2SO_4	59	536.0	1857
3196	CsF–ZnF_2	40	537.0	672
3197	CsF–ZnF_2	80	537.0	672
3198	$CrCl_3$–NaCl	33.5	537.0	2259
3199	$CuSO_4$–Na_2SO_4	47	537.0	911
3200	KCl–NaCl–RbCl	11–45–44	537.0	2714
3201	HfF_4–NaF	52	538.0	1828 2022
3202	$BaCl_2$–$CaCl_2$–CaF_2–NaF	29.5–36.6–7.1–26.7	538.0	919
3203	$CrCl_3$–LiCl	13	538.0	990
3204	$CaCrO_4$–LiCl	13.2	538.0	1458
3205	$CsBO_2$–LiCl	82	538.0	2291
3206	$Cs_2O(Cs_2CO_3)$–V_2O_5	56	538.0	854
3207	Li_2MoO_4–MoO_3	53.1	538.0	1205
3208	K_2TiF_6–NaCl–Na_2TiF_6	27.1–35.5–37.4	538.0	2630
3209	NaCl–$ZrCl_4$	78.6	539.0	51 83 779
3210	KBF_4–NaF	94±1	539.0 ±2	2697
3211	BaF_2–KCl–KF–NaF	16.3–2.3–46.6–34.8	540.0	1167
3212	RbCl–RbF	52.5	540.0	1918
3213	KF–K_2SiO_3–LiF	15.5–29–55.5	540.0	138
3214	$HfCl_4$–NaCl	26.6	540.0	83
3215	KCl–NaCl–$NbCl_4$	8.0–61.2–30.8	540.0 ±3	250

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
3216	$CeCl_3$–KCl	54.7	540.0	745
3217	$GdCl_3$–KCl	85	540.0	1046
3218	$CaCl_2$–$CdCl_2$	15 APP	540.0	1918
3219	$CaCl_2$–$CdCl_2$	15.5	540.0	156
3220	$FeCl_2$–YCl_3	41.5	540.0	1154
3221	$MgCl_2$–UCl_4	30.7	540.0	2214
3222	$CdCl_2$–$CdSO_4$	85	540.0	304 348 350 374
3223	LiCl–$LiPO_3$	57	540.0	2189
3224	UCl_4–UO_2	91	540.0	1394
3225	Na_2O–V_2O_5	58.5	540.0	1433
3226	Cs_2SO_4–Li_2SO_4–Na_2SO_4	2–61.5–36.5	540.0	1372
3227	Cs_2SO_4–Li_2SO_4–Na_2SO_4	5–37–58	540.0	1372
3228	Li_2SO_4–$PbSO_4$–Rb_2SO_4	76–11–13	540.0	891
3229	K_2CO_3–$K_2Mo_4O_{13}$	11	540.0	1281
3230	$CdCl_2$–CdO	86	540.0	2612
3231	LiCl–NaCl	30	540.0	2702
3232	KCl–$TiCl_2$–VCl_3	41–14–45	540.0	3055
3233	B_2O_3–PbO–V_2O_5	40–59–1.0	540.0	3094
3234	B_2O_3–PbO–V_2O_5	44–54.5–1.5	540.0	3094
3235	$CaBr_2$–LiBr	39.9	540.0	2759
3236	$CaBr_2$–LiBr	39.9	540.0	2770
3237	K_2MoO_4–$KReO_4$	95.0	540.0	3253
3238	$Mg(VO_3)_2$–$NaVO_3$	21	540.0	2777
3239	BeF_2–CeF_3	96	540.0	2815
3240	$CaCl_2$–Na_2TiF_6	39.7	541.0	468 3244
3241	NaCl–RbCl	45	541.0	61 62 184 435
3242	$NaVO_3$–V_2O_5	71	541.0	2775
3243	$NaVO_3$–V_2O_5	71	541.0	2864
3244	$CoCl_2$–$SrCl_2$	50	541.0	3144
3245	$BaCl_2$–$CaCl_2$–CaF_2	34–62.5–3.5	542.0	360
3246	$BaCl_2$–KCl–NaCl	27.8–37.2–35	542.0	1244
3247	$BaCl_2$–KCl–NaCl	28–39–33	542.0	730
3248	CsCl–$MgCl_2$	63	542.0	163
3249	Li_2MoO_4–$LiVO_3$	14.3	542.0	3078
3250	Na_2MoO_4–$NaVO_3$	36	542.0	3078
3251	$NaVO_3$–V_2O_5	70	542.0	2762
3252	NaCNO–Na_2CO_3	NA	542.0	3206
3253	$CeCl_3$–KCl–NaCl	20.3–46–33.7	543.0	745
3254	$BaCl_2$–CsCl	27.6	543.0	1880
3255	$CdCl_2$–Li_2SO_4	96.5	543.0	374
3256	KCl–UCl_3	50	543.0	2831
3257	KF–KI	34	544.0	1918
3258	$CrCl_3$–NaCl	5	544.0	2259
3259	KCl–Na_2CO_3–Na_2SO_4	55.6–18.4–26	544.0	1035
3260	$CaBr_2$–KBr	35	544.0	1918
3261	K_2CrO_4–Li_2CrO_4	54	544.0	942
3262	$LiVO_3$–Li_2WO_4	88.9	544.0	3078
3263	$KReO_4$–K_2WO_4	5.0	544.0	3253
3264	$CaSO_4$–Li_2SO_4–Rb_2SO_4	NA	544.0	2884
3265	$CaBr_2$–KBr	NA	544.0	3135
3266	$CdCl_2$–LiF	87	545.0 ±5	26
3267	KCl–NaCl–$NbCl_4$	21.7–45.0–33.3	545.0 ±3	250
3268	$CrCl_2$–RbCl	36.8	545.0	1173
3269	$CsBO_2$–CsCl	47.5	545.0	2291
3270	UCl_4–UO_2	93.1	545.0	2214
3271	K_2MoO_4–Li_2MoO_4–$Li_4P_2O_7$	58.6–40.4–1	545.0	1155
3272	Bi_2Te_3–Tl_9BiTe_6	75	545.0	2690
3273	LiCl–NaCl	72.5	546.0	2 96 133 249 347 430

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
				435
3274	$CaCl_2$–KCl–$SrCl_2$	14.4–19.8–65.8	546.0	2384
3275	RbCl–UCl_4	77	546.0	3246
3276	KCl–K_2SO_4–Na_2CO_3	47.3–34–18.7	546.0	236
3277	NaCl–Na_2CrO_4–$Na_4P_2O_7$	44.4–51–4.5	546.0	2258
3278	NaBr–Na_2CO_3–Rb_2CO_3	55–30–15	546.0	2826
3279	$CoCl_2$–CsCl	26	547.0	503
3280	K_2MoO_4–Li_2MoO_4	60	547.0	1155
3281	KCl–NaCl–$NaMnF_3$	21–49–30	548.0	2376
3282	LiCl–NaCl	75	548.0	897
3283	$BaCl_2$–KCl–NaCl	27.6–38.1–34.3	548.0	1262
3284	$CrCl_3$–KCl–NaCl	33.6–5–61.4	548.0	1110
3285	NaCl–Na_2ZrCl_6	38.5	548.0	1302
3286	NaCl–$ZrCl_4$	72	548.0	201
3287	CsCl–$MgCl_2$	30.6	548.0	163
3288	$CoCl_2$–Li_2SO_4	35	548.0	375
3289	$MoCl_3$–NaCl	37.5	548.0	2935
3290	Na_2MoO_4–$NaVO_3$	19.8	548.0	3078
3291	$CoCl_2$–Li_2SO_4	35	548.0	3145
3292	NaCl–$TiCl_3$	78	549.0	75 491 775 818
3293	$BaCl_2$–$CaCl_2$–KCl	12.7–20.7–66.6	549.0	1105
3294	PbF_2–RbF	55	550.0	390
3295	K_2ZrF_6–NaCl	18	550.0	769
3296	$BaCl_2$–KCl–$MgCl_2$–NaCl	15.5–43.3–9.7–31.5	550.0	966
3297	CsCl–$NbOCl_3$	82 APP	550.0	963
3298	CsCl–$SrCl_2$	85.7	550.0	2202
3299	$CdBr_2$–$CdCl_2$	60	550.0	1918
3300	$CaCl_2$–CaI_2	51.4	550.0	1918
3301	KBO_2–LiCl	92	550.0	2291
3302	Li_2O–V_2O_5	38	550.0	2521
3303	$LiVO_3$–V_2O_5	76	550.0	2521
3304	Sb_2Se_3–SnSe	61.5	550.0	2354
3305	LiCl–$SrMoO_4$	8.6	550.0	3228
3306	NaBr–Na_2CO_3–NaI	24.5–22.7–52.8	550.0	2990
3307	KCl–NaCl–$TiCl_2$	10–58–32	550.0	3033
3308	$BaCl_2$–$CaCl_2$–CsCl	32.5–64.6–2.9	550.0	3063
3309	Na_2CrO_4–$NaVO_3$	14.9	550.0	3078
3310	$BaCl_2$–LiF–NaCl–NaF	9–23.5–20–47.5	550.0	2861
3311	K_2TaCl_5–NaF	95	550.0	2869
3312	$Ba(NO_3)_2$–$BaSO_4$	97.5	550.0	2906
3313	K_2SO_4–Li_2SO_4	23.5	550.0	3201
3314	NaCN–Na_2CO_3	NA	550.0	3206
3315	$NaPO_3$–$Na_4P_2O_7$	NA	550.0	3212
3316	LiCl–NaCl	75.5	551.0	2 96 133 249 347 430 435 847
3317	LiCl–NaCl	76	551.0	839
3318	$BaCl_2$–$CaCl_2$–KCl	22.1–20.7–57.1	551.0	1105
3319	CsCl–$TiCl_3$	38	551.0	2464
3320	$CdSO_4$–Li_2SO_4	45	551.0	3141
3321	NaCl–Na_2ZrF_6	51.8	552.0	1183
3322	KCl–UCl_4	75	552.0	3246
3323	LiCl–TeO_2	84	552.0	926
3324	$NaPO_3$–Sm_2O_3	99.8	552.0	1136
3325	KVO_3–$NaVO_3$	30	552.0	2496
3326	$CaSO_4$–Li_2SO_4–Rb_2SO_4	NA	552.0	2884
3327	LiCl–NaCl	72	553.0	2 96 133 249 347 430 435
3328	LiCl–NaCl	78.5	553.0	2 96 133 249 347 430

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References		
3329	$CaCl_2$–KCl–$SrCl_2$	15.4–29–55.5	553.0	2384		
3330	KCl–$SmCl_3$	65	553.0	950		
3331	CsCl–Cs_2SO_4	83	553.0	363		
3332	$CdCl_2$–$CdMoO_4$	4.5	553.0	766		
3333	Ag_2WO_4–Na_2SO_4–Na_2WO_4	68–4–28	553.0	2292		
3334	$CsPO_3$–$LiPO_3$	25	553.0	1900		
3335	Sb_2Se_3–SnSe	54.5	553.0	2354		
3336	K_2TaF_7–NaCl–NaF	4–73–23	553.0	2938		
3337	KF–NaF–YF_3	21–44–35	554.0	1311		
3338	CsF–ZnF_2	57	554.0	672		
3339	$KMnF_3$–NaCl	27	554.0	2376		
3340	$PbCl_2$–PbF_2	25	554.0	801		
3341	KBr–K_2ZrF_6	56	554.0	1435		
3342	KCl–$LaCl_3$	47	554.0	114		
3343	$InCl_3$–$MgCl_2$	58	554.0	1478		
3344	CsCl–$SrCl_2$–$SrSO_4$	84.4–14.4–1.1	554.0	1216		
3345	LiCl–$TiCl_3$	30	554.0	3030		
3346	BeF_2–NaF–ThF_4	27–66.7–6.3	555.0	1260		
3347	K_3ZrF_7–NaCl	20	555.0	962		
3348	$CoFe_2O_4$–PbF_2	14.	555.0	1187		
3349	CoO–Fe_2O_3–PbF_2	12.3–12.3–75.4	555.0	1187		
3350	LiCl–$MnCl_2$	48	555.0	713		
3351	LiCl–NaCl	75	555.0	3013		
3352	Cs_3AlF_6–Li_3AlF_6	40	555.0	3024		
3353	$BeCl_2$–CsCl	15.6	555.0	2742		
3354	CsCl–$TaCl_5$	80	556.0	1019		
3355	KBr–$SrBr_2$	71	556.0	1918		
3356	KCl–K_2TaF_7–NaCl	15–26.5–58.5	556.0	2987		
3357	$PuCl_4$–RbCl	18	556.0	2801		
3358	NaBr–Na_2CrO_4	52	556.0	2859		
3359	$PuCl_4$–RbCl	NA	556.0	2877		
3360	LiF–NaF–Na_2TiF_6	25–54–21	556.0	2879		
3361	LiCl–NaCl	77.5	557.0	847		
3362	CsCl–$Cs_4P_2O_7$	87	557.0	2645		
3363	KCl–K_2TiF_6–NaCl	41.8–41.8–16.3	558.0	771		
3364	KF–K_2CO_3–NaF	8–62–30	558.0	728		
3365	KCl–$YbCl_2$	27	558.0	950		
3366	$BaCl_2$–$MgCl_2$	43.25	558.0	981	1104	
3367	KCl–K_2CO_3–Na_2CO_3	42.5–43.3–18.1	558.0	456	728	
3368	CeO_2–$NaPO_3$	.55	558.0	1136		
3369	KCl–K_2TiF_6–NaCl	22.5–25.0–52.5	558.0	2630		
3370	K_2WO_4–$LiBO_2$–Li_2WO_4	38–10–52	558.0	3179		
3371	K_2WO_4–NaCl–Na_2WO_4	23.6–29.2–47.2	559.0	311		
3372	Ag_2SO_4–Li_2SO_4	31.5	559.0	997		
3373	LiF–ThF_4	71	560.0	252	429	464
3374	BeF_2–NaF	31	560.0	2394		
3375	CsF–KF–MnF_2	60–32–8	560.0	1798		
3376	$CaCl_2$–Na_2TiF_6	20.3	560.0	468	3244	
3377	K_2TiF_6–LiCl	70.1	560.0	468	3244	
3378	KBr–Na_2CO_3–NaF	41.7–43.9–14.4	560.0	875		
3379	$BaCl_2$–NaCl–$SrCl_2$	7.5–50–42.5	560.0	512		
3380	KCl–NaCl–$SmCl_3$	52.7–33.3–14.	560.0	1186		
3381	NaCl–RbCl	45	560.0	2259		
3382	$HoCl_3$–KCl	80	560.0	1289		
3383	KCl–$SrCl_2$	55.1	560.0	1274	2384	
3384	KCl–$YbCl_2$	67	560.0	950		
3385	RbCl–$SmCl_3$	21	560.0	1011		

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
3386	$RbCl-SrCl_2$	77	560.0	512
3387	$RbCl-VCl_3$	46	560.0	906
3388	$CsCl-ScCl_3$	42 APP	560.0	2212
3389	$CsCl-SrCl_2$	85	560.0	1216
3390	$CsCl-VCl_3$	46	560.0	1450
3391	$BaCl_2-MgCl_2$	35	560.0	61
3392	$CaCl_2-ThCl_4$	54	560.0	492
3393	$KCl-NaCl-Na_2CO_3$	36.8–36.2–27.0	560.0	456 728
3394	$SrI_2-Sr_3N_2$	75	560.0	1172
3395	$CuMoO_4-MoO_3$	32	560.0	1792
3396	$Cs_2SO_4-Li_2SO_4-PbSO_4$	8.5–80–11.5	560.0	978
3397	$Ag_2WO_4-Na_2WO_4$	68	560.0	2292
3398	$Sb_2Se_3-Sb_2Te_3$	82 APP	560.0	1905
3399	$Na_2SO_4-Tl_2SO_4$	43.5	560.0	2929
3400	$CaCl_2-UF_4$	53	560.0	2931
3401	$NaCl-NaF-Na_2TiF_6$	26.9–11.3–61.8	560.0	2981
3402	$KCl-NaCl-TiCl_2$	41–34–25	560.0	3033
3403	RbCl–RbI	45 SER SOLID SOL	560.0	2757
3404	$Al_2O_3-LiVO_3$	0.4	560.0	2768
3405	$Al_2O_3-LiVO_3$	0.4	560.0	2749
3406	$BaCl_2-CaCl_2-RbCl$	29–63–8	560.0	2811
3407	$RbBr-Rb_2CO_3$	70	560.0	2826
3408	$KCl-TiCl_3-ZrCl_4$	73–5–22	560.0	2837
3409	$CsCl-ThF_4$	53	560.0	2839
3410	$K_2WO_4-Li_2WO_4$	33.5	560.0	3179
3411	$BaF_2-KCl-KF-NaF$	7.7–47.4–30.6–14.2	562.0	1167
3412	$KCl-K_2NaAlF_6-KF-NaF$	48.4–0.64–41.6–9.3	562.0	1168
3413	$KCl-K_2ZrF_6$	5	562.0	962 1680
3414	$KCl-KF-K_4P_2O_7$	48.2–46.4–5.4	562.0	2199
3415	$K_2CO_3-NaF-Na_2CO_3$	42–32–26	562.0	728
3416	$LiCl-ScCl_3$	85	562.0	2211
3417	$CsCl-ThCl_4$	87	562.0	54
3418	$BaCO_3-NaCl-Na_2CO_3$	21–22–57	562.0	345
3419	$KBr-SrBr_2$	18	562.0	1918
3420	$Fe_2(SO_4)_3-Na_2SO_4$	17.5	562.0	1704
3421	$KCl-KF-K_2TiF_6$	47.7–38.8–13.5	562.0	2981
3422	$BaCO_3-NaCl-Na_2CO_3$	NA	562.0	3126
3423	$KF-LaF_3-NaF$	58–17–25	563.0	1243
3424	$CrCl_3-NaCl$	21.5	563.0	2259
3425	$NaCl-NiCl_2$	68	563.0	199 309
3426	$CaBr_2-KBr$	67.5	563.0	1918
3427	RbCl–RbI	45	563.0	3031
3428	$CaBr_2-KBr$	NA	563.0	3135
3429	$CaCl_2-KCl-KF-NaF$	2–45.4–38.8–13.8	564.0	1277
3430	$CrCl_3-NaCl$	25.5	564.0	2259
3431	CsBr–KBr	57	564.0	1121
3432	$CsBr-Cs_2SO_4-Li_2SO_4$	63.9–30.6–5.4	564.0	2055
3433	$CsPO_3-LiPO_3$	80	564.0	1900
3434	$CsBO_2-CsBr$	47.5	564.0	2702
3435	$FeCl_2-SrCl_2$	40.5	564.0	3144
3436	$K_2WO_4-LiBO_2-Li_2WO_4$	58–8–35	564.0	3179
3437	$Li_2MoO_4-Li_2SO_4$	37.5	564.0	3203
3438	$LiF-ThF_4$	77	565.0	252 429 464
3439	AlF_3-KF	45	565.0	644
3440	$CsF-PbF_2$	29	565.0	390
3441	$NaCl-SrCl_2$	50	565.0	62 613
3442	$NaCl-NaPO_3$	30	565.0	2189
3443	$Li_2SO_4-MoO_3$	22 APP	565.0	2706

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C		References
3444	LiH–NaCl	55.2	565.7	1320	
3445	KBr–Na_2CO_3–NaF	53.2–34.4–12.4	566.0	875	
3446	CsI–RbI	65	566.0	1127	
3447	$RbPO_3$–$Zn(PO_3)_2$	85 APP	566.0	2956	
3448	Li_2SO_4–RbCl–Rb_2SO_4	13.2–53.6–33.2	566.0	2763	
3449	RbBr–Rb_2CO_3	60.5	566.0	2826	
3450	Bi_2Te_3–In_2Te_3	50	567.0	2623	
3451	CsF–LiF–MnF_2	10–40–50	568.0	1798	
3452	LiF–ThF_4	71	568.0	252	464
3453	AlF_3–KF	40	568.0	688	
3454	K_2CO_3–NaF	45.2	568.0	875	
3455	K_2CO_3–NaF	49	568.0	728	
3456	RbCl–YCl_3	23	568.0	2236	
3457	CsCl–WCl_5	89	568.0	1051	
3458	InAs–Sn_3As_2	10	568.0	2327	
3459	NaCl–Na_2TiF_6	42.1	569.0	468	3244
3460	CsCl–$LaCl_3$	90	569.0	114	
3461	CsCl–$ScCl_3$	43.5	569.0	945	
3462	$BaCl_2$–$CaCl_2$–$CaSO_4$	33–61–6	569.0	1683	
3463	LiF–ThF_4	78	570.0	429	
3464	LiF–ZrF_4	70.5	570.0	1258	
3465	CsF–MnF_2–NaF	74–8–18	570.0	1798	
3466	KF–NaF–ThF_4	15.5–69–15.5	570.0	148	
3467	KCl–KF–NaF	46.5–39.5–14	570.0	1168	
3468	KBr–K_2ZrF_6	43.5	570.0	1435	
3469	LiCl–$MgCl_2$	60	570.0	1918	
3470	$CrCl_3$–KCl–NaCl	23–5–72	570.0	1110	
3471	$CrCl_3$–NaCl	31.4	570.0	1110	
3472	$NbOCl_3$–RbCl	23 APP	570.0 APP	963	
3473	$MgCl_2$–YCl_3	40	570.0	1154	
3474	CsCl–Cs_2SO_4–$SrSO_4$	77.3–19–3.7	570.0	1216	
3475	CsBr–Cs_2SO_4	78.8	570.0	2055	
3476	Bi_2O_3–MoO_3–PbO	29–2–69	570.0	1109	
3477	Bi_2Te_3–Ga_2Te_3	55	570.0	2029	
3478	AlF_3–LiF–NaCl	52–28–20	570.0	2628	
3479	NaCl–Na_2TiF_6	36	570.0	2630	
3480	RbCl–RbI	44	570.0	2942	
3481	$CaCl_2$–RbCl–RbF	20.5–75.3–4.2	570.0	3077	
3482	$BaCl_2$–$CaCl_2$–RbCl	12–10–78	570.0	2811	
3483	$Ca(VO_3)_2$–$NaVO_3$	25	570.0	2838	
3484	KBO_2–K_2SO_4–$LiBO_2$	34–2–64	570.0	3201	
3485	Bi_2Te_3–In_2Te_3	62 APP	571.0	2353	
3486	LiF–NaF–ZrF_4	55–22–23	572.0	1258	
3487	CsCl–$ZrCl_4$	84.8	572.0	83	
3488	$LiBO_2$–LiCl	19	572.0	193	
3489	KCl–LiF–NaCl–NaF	10.7–35.2–23.3–30.8	572.0	2658	
3490	K_2WO_4–Li_2WO_4	63.5	572.0	3179	
3491	NaCl–NaI	38.5	573.0	2442	
3492	$BeCl_2$–RbCl	19.4	573.0	3102	
3493	$CaCl_2$–$CaCrO_4$–KCl	23.2–5.6–71.2	573.0	2915	
3494	$CsBO_2$–LiCl	5	574.0	2291	
3495	Cs_2SO_4–Li_2SO_4–$PbSO_4$	17.5–63.5–19	574.0	978	
3496	$CaCO_3$–CaF_2–$Ca(OH)_2$	29.7–20.1–50.2	575.0	970	
3497	NaCl–NaF–Na_2CO_3	42.5–20.5–37	575.0	729	
3498	$BiCl_3$–KCl	24	575.0	1918	
3499	KCl–$SrCl_2$	55.6	575.0	239	
3500	KBr–$TiBr_3$	60	575.0	772	
3501	MoO_3–Na_2SO_4	58 APP	575.0	2706	

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References		
3502	BaV_2O_6–$NaVO_3$	26.5	575.0	3016		
3503	NaCl–Na_2CO_3–NaF	31–54–15	575.0	3099		
3504	$CaBr_2$–CsBr	15.6	575.0	2759		
3505	$ThCl_4$–UCl_4	2.5 APP	575.0 ±2	3231		
3506	$MgCl_2$–ThF_4	92	575.0 ±2	2802		
3507	CsCl–UCl_3	44	575.0	2831		
3508	$CaCl_2$–$CaCrO_4$–KCl	71.8–10.9–17.3	575.0	2915		
3509	KBO_2–K_2WO_4–$LiBO_2$	43–2–55	575.0	3179		
3510	KBr–NaBr–Na_2CO_3	38–43–19	575.0	3185		
3511	KBr–KF	60	576.0	875		
3512	CsCl–KBr	65	576.0	1010		
3513	RbBr–$TiBr_3$	50	576.0	837		
3514	CsI–SbI_3	80	576.0	2993		
3515	CsCl–$ThCl_4$	81	576.0 ±2	2856		
3516	$CrCl_2$–CsCl	71.5	577.0	337	1173	
3517	CsCl–$SmCl_3$	15	577.0	1011		
3518	BaF_2–KCl–NaCl–NaF	7.9–21.4–57.7–13	578.0	1167		
3519	$CaCl_2$–Na_2TiF_6	76.9	578.0	468	3244	
3520	K_2WO_4–NaF–Na_2WO_4	9–18–73	578.0	329		
3521	CsCl–$TiCl_3$	93	578.0	2464		
3522	NaCl–NaI	36	578.0	167	321	323
3523	RbBr–$TiBr_2$	80	578.0	837		
3524	CsBr–CsI	52	578.0	1010		
3525	$CdSO_4$–K_2SO_4–Na_2SO_4	43–18–39	578.0	1141		
3526	KBr–KI	50	579.0	1685		
3527	BeF_2–NaF	30	580.0	1042		
3528	BeF_2–ZrF_4	80.5	580.0	869		
3529	$BaCl_2$–Na_2TiF_6	36.9	580.0	761		
3530	KCl–KF–K_2TaF_7	51.5–41.5–7	580.0	878		
3531	$MnCl_2$–MnF_2–NaF	18.3–5.6–76.2	580.0	2595		
3532	$CaCO_3$–LiF	29.7	580.0	1475		
3533	K_2TaF_7–Ta_2O_5	83.5	580.0	879		
3534	LiF–$Li_4P_2O_7$–NaF	18–13–69	580.0	427		
3535	$CrCl_3$–NaCl	32	580.0	1268		
3536	$CrCl_3$–NaCl–RbCl	22–73–5 APP	580.0	2190	2259	
3537	$CrCl_3$–NaCl–RbCl	26–66–8 APP	580.0	2190	2259	
3538	$CrCl_3$–NaCl–RbCl	34–56.6–9.5 APP	580.0	2190	2259	
3539	$CrCl_3$–NaCl–RbCl	5–35–60 APP	580.0	2190	2259	
3540	$CrCl_3$–NaCl–RbCl	33–58–9 APP	580.0 APP	2259		
3541	KCl–K_3VCl_6–NaCl	20–20–60	580.0	1200		
3542	KCl–NaCl–VCl_3	50–38–12	580.0	1204		
3543	KCl–NaCl–YCl_3	48.45–36.70–14.85	580.0	1208		
3544	KCl–$LaCl_3$	80	580.0	114		
3545	KCl–$SrCl_2$	70	580.0	1274		
3546	KCl–$SrCl_2$	70.1	580.0	2384		
3547	KCl–VCl_3	48	580.0	906		
3548	$CaCl_2$–RbCl	17.5	580.0	184	2500	
3549	$CaCl_2$–$CaSO_4$–KCl	24–2.5–73.4	580.0	370		
3550	CsCl–Cs_2SO_4	41.3	580.0	1103		
3551	CsCl–Li_2CO_3	94.2	580.0	2052		
3552	KCl–K_2CrO_4–NaF	55–25–20	580.0	386		
3553	CsBr–$TiBr_2$	87.5	580.0	837		
3554	KI–NaI	40	580.0	1151		
3555	Li_2SO_4–Rb_2SO_4	87	580.0	891		
3556	Li_2SO_4–Rb_2SO_4	90	580.0	1703		
3557	$BaTiO_3$–$NaPO_3$	0.35	580.0	723		
3558	$CsBO_2$–$LiBO_2$	72.5	580.0	2291		
3559	$CaMoO_4$–LiCl	96	580.0	3228		

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
3560	$CaCl_2$–CaF_2–RbCl	77.8–10.9–11.3	580.0	3077
3561	CsBr–KCl	SER SOLID SOL	580.0	2758
3562	CsCl–KBr	NA	580.0 SER SOLID SOL	2758
3563	$CaBr_2$–RbBr	18.0	580.0	2770
3564	CsF–KF–Sc_2SO_4	46–42–12	580.0	2807
3565	Li_2SO_4–$MnSO_4$	35	580.0	3153
3566	CsF–MgF_2	15	581.0	2203
3567	$CaCl_2$–K_2TiF_6	59	581.0	761
3568	KBr–KF	60	581.0	61 62
3569	KCl–$TiCl_3$	62.5	581.0	75
3570	LaF_3–RbF	21	582.0	1171
3571	LiF–NaCl–NaF	40–24–36	582.0	994
3572	$Li_4P_2O_7$–NaF–$Na_4P_2O_7$	13–71–16	582.0	429
3573	$CrCl_3$–NaCl	31	582.0	990
3574	$BaCl_2$–CsCl	49.7	582.0	1880
3575	$CrCl_2$–CsCl	72	582.0	784
3576	CsCl–$NdCl_3$	90	582.0	114
3577	K_2SO_4–$PbSO_4$–Tl_2SO_4	1.5–23–75.5	582.0	918
3578	PbTe–Sb_2Te_3	38	582.0	1731
3579	KCl–NaCl–$TiCl_2$	50–36–14	582.0	3033
3580	KCl–$PuCl_4$	81.5±.5	582.0	2801
3581	KBO_2–$LiBO_2$	44	582.0	3201
3582	NaCl–Na_2ZrF_6	51.7	583.0	1688
3583	$CaCl_2$–KCl	25	583.0	42 55 63 96 98 156 259 370 461 815
3584	CsV_2O_5–V_2O_5	59	583.0	3037
3585	Ag_2SO_4–K_2SO_4	67	583.0	3112
3586	CsF–LiF–ScF_3	26–51–23	584.0	1310
3587	K_3AlF_6–KCl–KF	.7–44.6–54.7	584.0	1168
3588	K_3AlF_6–KCl–KF	0.67–54.73–44.59	584.0	1297
3589	NaCl–NaF–Na_2ZrF_6	48.7–1.5–49.8	584.0	1688
3590	$CeCl_3$–CsCl	14	584.0	114
3591	CsCl–YCl_3	16.8	584.0	1286
3592	KCl–$PbCrO_4$	71.8	584.0	1054
3593	$LiBO_2$–LiCl	15	584.0	2291
3594	CsBr–$TiBr_3$	90	584.0	837
3595	Li_2SO_4–Na_2SO_4	63	584.0	511
3596	$LiBO_2$–LiCl	15	584.0	2702
3597	RbV_2O_5–V_2O_5	67	584.0	3270
3598	LiF–ZrF_4	79	585.0	1227
3599	$CaCl_2$–K_2TiF_6	94.6	585.0	761
3600	KCl–NaCl–$NbCl_4$	46.4–41.2–12.4	585.0 ±3.	250
3601	$CaCl_2$–$NdCl_3$	57	585.0	114 290
3602	KCl–K_2SO_4–Li_2SO_4	47.9–26–26	585.0	351
3603	$SrBr_2$–Sr_3N_2	89	585.0	1172
3604	KI–NaI	42	585.0 APP	1725
3605	$K_2B_4O_7$–KPO_3–K_2SO_4	19–75–6 APP	585.0	2731
3606	K_2TaF_7–NaCl	30	585.0	2987
3607	Fe_2O_3–TeO_2	13 APP	585.0 ±5	2998
3608	KCl–KF–K_2ZrF_6	46–46–8	586.0	1680
3609	CsBr–KBr	65	586.0	1010
3610	$BaCl_2$–$CaCl_2$–RbCl	30.5–9.5–60	586.0	2811
3611	K_2SO_4–K_2S	43	587.0	1075
3612	NaCl–$NaMnF_3$	60.7	588.0	2595
3613	NaCl–$NaMnF_3$	62.5	588.0	2376
3614	KCl–$K_4P_2O_7$–NaF	42.7–17.5–39.7	588.0	2474
3615	KCl–$SrCl_2$	71.5	588.0	239
3616	$CaCl_2$–KCl–K_2SO_4	27.6–67.4–4–5	588.0	370

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C		References
3617	$KCl-K_2CrO_4-KF$	40.7–29.6–29.6	588.0	704	
3618	$KCl-Na_2CO_3$	50.2	588.0	1035	
3619	$KCl-Na_2CO_3$	55.6	588.0	236	728
3620	$Cs_2SO_4-PbSO_4$	52	588.0	1103	
3621	$Li_2SO_4-Rb_2SO_4$	80	588.0	1703	
3622	$Ag_2WO_4-Na_2SO_4$	91	588.0	2292	
3623	$K_2WO_4-Na_2CO_3$	44–SER SOLID SOL	588.0	2674	
3624	$CaBr_2-LiBr$	58.7	588.0	2759	
3625	$KCl-PuCl_4$	NA	588.0	2877	
3626	$CsCl-VCl_3$	93	589.0	1450	
3627	KBr–KI	50	589.0	948	
3628	$CaF_2-CsF-NaF$	2.04–76.53–21.43	590.0	2378	
3629	$CaCl_2-KCl-KF-NaCl-NaF$	1–36.4–9.1–44.4–9.1	590.0	1277	
3630	$KCl-LiF-NaF$	13–48–39	590.0	908	
3631	$CaCl_2-KCl$	25	590.0	2384	
3632	$RbCl-WCl_5$	88	590.0	1051	
3633	$CsCl-HfCl_4$	81.6	590.0	83	
3634	$CsCl-NbCl_2$	87	590.0	1852	
3635	$CsCl-NbCl_3$	85	590.0	1349	
3636	$CsCl-YCl_3$	23	590.0	2236	
3637	$CsCl-YCl_3$	91.5	590.0	1286	
3638	$CaCl_2-MnCl_2$	34.8	590.0	263	
3639	$CaWO_4-LiCl$	3	590.0	1219	
3640	KBH_4-KCl	71 APP	590.0	1975	
3641	KBH_4-KCl	70 APP	590.0 APP	2056	
3642	$LiCl-Li_4P_2O_7$	99.5	590.0	1111	
3643	$NaCl-NaVO_3$	23	590.0	298	
3644	$MoO_3-Na_2B_4O_7$	30	590.0	1476	
3645	$Na_2B_4O_7-V_2O_5$	35	590.0 APP	935	
3646	$Cu_2S-FeS-Na_2S$	4.3–23.8–71.8	590.0	1052	
3647	$Li_2SO_4-Rb_2SO_4$	79	590.0	891	
3648	$PbSO_4-Tl_2SO_4$	23.5	590.0	918	
3649	$Na_2WO_4-ZnWO_4$	77.6	590.0	2620	
3650	$AlF_3-LiF-NaCl$	25–50–25	590.0	2628	
3651	$K_2WO_4-Na_2CO_3-Na_2CrO_4$	17.5–41.5–41	590.0	2674	
3652	$CaO-TiO_2-V_2O_5$	7.5–7.5–85	590.0	2927	
3653	$MoCl_3-NaCl$	20	590.0	2935	
3654	UCl_3-UF_4	42	590.0	3000	
3655	$KCl-UF_4$	50	590.0	3000	
3656	$CsBr-Cs_2SO_4$	65	590.0	2792	
3657	$KCl-UCl_3$	84	590.0	2831	
3658	$CsCl-UCl_3$	55	590.0	2831	
3659	$Li_2WO_4-Na_2WO_4-WO_3$	2–79–19	590.0	2893	
3660	$CoSO_4-Li_2SO_4$	27.5	590.0	3145	
3661	$CsCl-TiCl_3$	88.5	591.0	21	75
3662	CdF_2-NaF	44.9	592.0	2468	
3663	$NaF-TmF_3$	73	592.0	1401	
3664	$RbCl-TaCl_3$	80	592.0	1019	
3665	$CsCl-TaCl_4$	90	592.0	1007	
3666	$CsCl-YCl_3$	91	592.0	2236	
3667	$K_2CO_3-K_2W_4O_{13}$	53	592.0	1281	
3668	$NaCl-Na_2Cr_2O_7$	30 APP	592.0	2924	
3669	$KCl-KF-MgF_2$	55.4–43.5–1.1	592.0	2986	
3670	$CsBr-Cs_2CrO_4$	82.5	592.0	2920	
3671	$CaCl_2-FeCl_2$	44.5	592.0	3137	
3672	$K_2MoO_4-NaF-Na_2MoO_4$	16–25–59	593.0	377	
3673	$CrCl_3-NaCl$	21.2	593.0	1110	
3674	$CrCl_3-NaCl$	21.5	593.0	990	

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
3675	$CsCl-TiCl_2$	90	593.0	31
3676	$CaCl_2-CaO$	71.3	593.0	1176
3677	$CsBr-TiBr_3$	27	593.0	837
3678	$Li_2SO_4-Li_2WO_4$	68	593.0	136
3679	$GeTe-Sb_2Te_3$	18	593.0	1229
3680	$LiF-MnF_2-RbF$	46–50–4	594.0	2432
3681	$NaF-YbF_3$	74	594.0	1312 1401
3682	$CeCl_3-KCl$	19	594.0	90 107 114 264 741
3683	$KCl-K_2ZrCl_6$	60	594.0	1302
3684	$KCl-ZrCl_4$	75.8	594.0	83 201 794
3685	$BaCl_2-CaCl_2$	36.5	594.0	10 61 324 360
3686	$CsBr-RbBr$	85	594.0	1121
3687	$Bi_2O_3-PbO-V_2O_5$	29.5–69.5–1	594.0	890
3688	$Li_2SO_4-PbSO_4-Rb_2SO_4$	17–35.5–47.5	594.0	891
3689	$B_2O_3-K_2O-P_2O_5$	14.5–42.0–43.5	594.0	2704
3690	$KBO_2-LiBO_2-Li_3PO_4$	45–53–2 APP	594.0	2720
3691	$CaCl_2-KCl$	25.7	594.0	3098
3692	$CaCl_2-KCl$	25.7	594.0	2915
3693	LuF_3-NaF	29	595.0	1401
3694	$KI-K_2SiF_6$	68	595.0	2278
3695	$KCl-TiCl_3$	66.4	595.0	434
3696	$CsCl-NbCl_4$	90	595.0	387
3697	$LiCl-NiSO_4$	89.5	595.0	369
3698	$CaCl_2-PuCl_3-UCl_3$	NA	595.0	2842
3699	$RbF-ZnF_2$	77	596.0	672
3700	$NaF-NaVO_3$	17.5	596.0	299
3701	$Li_2SO_4-NiCl_2-Ni_2SO_4$	70.5–7.5–22	596.0	369
3702	$BaBr_2-NaBr$	42.8	596.0	894
3703	$Li_2SO_4-Na_2SO_4$	63	596.0	2522
3704	$CsCl-NaBO_2$	89	596.0	2702
3705	$LiF-Li_2TiF_6$	63	596.0	2934
3706	$KF-NaF-TiF_4$	23.4–46.6–30.0	596.0	3028
3707	K_3ScCl_6-NaCl	24	596.0	3065
3708	K_2SiF_6-NaCl	40	597.0	2278
3709	$CrCl_3-NaCl$	22.2	597.0	1268
3710	$CaCl_2-KCl$	26.6	597.0	42 55 63 96 98 156 259 370 461 815
3711	$BaCl_2-CaCl_2$	37	597.0	1105
3712	$NaF-NaI$	18	597.2	2442
3713	$LiF-ZrF_4$	79	598.0	1258
3714	$KF-Na_2MoO_4$	19	598.0	377
3715	BeF_2-CsF	14	598.0	1986
3716	$KCl-KI$	49	598.0	122 167 616
3717	$LiCl-Li_3VO_4$	97	598.0	523
3718	$Bi_2O_3-PbO-TiO_2$	29.5–69.5–1	599.0	877
3719	$LiF-ScF_3$	72.5	600.0	1797
3720	$NaF-YbF_3$	72.5	600.0	1312 1401
3721	$CsF-LaF_3$	87.5	600.0	1171
3722	BaF_2-BeF_2	1.5 ±0.5	600.0	699
3723	$Fe_2O_3-MgO-MnO-PbF_2$	9.7–3.2–9.7–77.4	600.0	1187
3724	$KCl-NaF-Na_4P_2O_7$	48.4–32.8–18.7	600.0	2474
3725	$KF-K_4P_2O_7-NaF$	33.6–17.5–48.8	600.0	895
3726	$MgOMn(Fe_2O_4)_3-PbF_2$	4	600.0	1187
3727	$CaCl_2-KCl$	26.6	600.0	1076 1926
3728	$CsCl-SmCl_3$	92	600.0	1011
3729	$KCl-K_2SO_4-K_2WO_4$	61.1–8.3–30.5	600.0	233
3730	$BaBr_2-NaBr$	40	600.0	62
3731	$Bi_2O_3-MoO_3$	84	600.0	1832

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References			
3732	K_2WO_4–WO_3	54	600.0	1205			
3733	$NaPO_3$–Nd_2O_3	99.5	600.0	1136			
3734	FeS–Na_2S–PbS	25.5–52.9–21.6 APP	600.0	2260			
3735	Li_2SO_4–$PbSO_4$–Rb_2SO_4	28–35–37	600.0	891			
3736	$Li_4P_2O_7$–Na_2MoO_4–$Na_4P_2O_7$	5.8–84.1–10.1	600.0	1123			
3737	$CaCl_2$–$MgCl_2$–UCl_3	49–31–20	600.0	2948			
3738	Bi_2S_3–Ga_2S_3	71	600.0	3012			
3739	$BaBr_2$–NaBr	NA	600.0	3135			
3740	$BaCl_2$–K_2TiF_6–NaCl	10.3–66.4–23.3	601.0	772			
3741	KCl–Na_2SO_4	41.3	602.0	1035			
3742	Bi_2O_3–MoO_3–PbO	15–78–7	602.0	1109			
3743	Bi_2O_3–PbO	29.5	602.0	1109			
3744	KBO_2–$LiBO_2$	47.5	602.0	2291			
3745	RbV_2O_5–V_2O_5	37	602.0	3270			
3746	BaF_2–CaF_2–LiF–MgF_2	15.4–11.5–47.2–25.8	603.0	777			
3747	KPO_3–MoO_3	32.5	603.0	2622			
3748	LiF–NaF–ZrF_4	37–52–11	604.0	1258			
3749	KCl–LiF–NaCl	37–13–50	604.0	908			
3750	KF–KPO_3	18	604.0	686			
3751	$CrCl_3$–KCl–NaCl	6.6–47.8–45.6	604.0	1110			
3752	$HfCl_4$–KCl	22.4	604.0	83			
3753	$CaCl_2$–CsCl–$SrCl_2$	60–7.5–32.5	604.0	2596			
3754	$CaCl_2$–$CaSO_4$–KCl	69.7–5.7–24.5	604.0	370			
3755	KBO_2–KCl–K_2WO_4	10.7–55–34.2	604.0	192			
3756	KCl–TeO_2	23	604.0	926			
3757	RbBr–$TiBr_3$	90	604.0	837			
3758	PbO–Sb_2O_3	78.4	604.0	2070			
3759	$K_2B_4O_7$–KPO_3–K_2SO_4	8–85–7 APP	604.0	2731			
3760	RbV_2O_5–V_2O_5	23	604.0	3270			
3761	$BaSO_4$–Cs_2SO_4–Li_2SO_4	NA	604.0	2899			
3762	$CaCl_2$–Na_2TiF_6	62.8	605.0	3244			
3763	$CaCl_2$–Na_2TiF_6	94.4	605.0	468			
3764	KCl–KF	54	605.0	55	61	62	815
3765	KCl–NaCl–$NbCl_4$	24.0–64.0–12.0	605.0 ±3.	250			
3766	NaCl–$TiCl_2$	67	605.0	491	817		
3767	$NbCl_3$–RbCl	85	605.0	1349			
3768	$CaSO_4$–KCl–NaCl	10.5–42.6–47	605.0	706			
3769	Li_2MoO_4–WO_3	60	605.0	2887			
3770	Na_2WO_4–$PbWO_4$	75	605.0	3162			
3771	LiF–ScF_3	74.5	606.0	1310			
3772	BaF_2–CaF_2–KF–NaF	16.9–7.1–46.9–29.1	606.0	2112			
3773	KCl–KF	55	606.0	907	1680		
3774	KCl–NaCl–NaF	22.5–60.5–17	606.0	456	512	1168	
3775	KBr–K_2SiF_6	70	606.0	2278			
3776	CsCl–KCl	64	606.0	789			
3777	NaCl–Na_2MoO_4	31.9	606.0	330	522		
3778	B_2O_3–K_2O–P_2O_5	1.5–55.5–43.0	606.0	2704			
3779	KBO_2–$LiBO_2$	43	606.0	2720			
3780	KCl–K_2TaF_7–NaF	59–3.5–37.5	606.0	2938			
3781	AlF_3–Li_3AlF_6–Na_3AlF_6	54.6–27–18.3	607.0	1135			
3782	CaF_2–LiF–NaF	11.1–51.1–37.8	607.0	421	481		
3783	$CeCl_3$–$FeCl_2$	35	607.0	828			
3784	As_2S_3–Na_2S	19	607.0 ±5	2895			
3785	LiF–MnF_2	57	608.0	1451			
3786	LiF–Li_2CO_3	49	608.0	391			
3787	$FeCl_2$–$NdCl_3$	59.8	608.0	2497			
3788	CsBr–$TiBr_4$	97 LT	608.0	837			
3789	$CsBO_2$–$NaBO_2$	68	608.0	2702			

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References					
3790	$BaBr_2$–KBr	52 APP	609.0 APP	3232					
3791	CsF–NaF	76	610.0	422					
3792	K_2ZrF_6–Na_2ZrF_6	50	610.0	1183					
3793	NaF–YF_3	70	610.0	1311	1401				
3794	BeF_2–KF–LaF_3	5–78–17	610.0 ±5.	23					
3795	NaCl–NaF–Na_2ZrF_6	35.1–42.9–22	610.0	1688					
3796	$CaCl_2$–KCl	72	610.0	42	55	63	96	98	156
				259	370	461	815		
3797	$CeCl_3$–KCl	19.8	610.0	745					
3798	KCl–$PrCl_3$	81	610.0	243	505				
3799	$CaCl_2$–$PuCl_3$	57	610.0	1064					
3800	KBr–NaCl	48.5	610.0	949					
3801	KCl–NaBr	47.2	610.0	949					
3802	Li_2CO_3–NaCl	62.6	610.0	2052					
3803	$BaBr_2$–Ba_3N_2	12.5	610.0	1061					
3804	Bi_2O_3–MoO_3–PbO	22.5–72–5.5	610.0	1109					
3805	Cs_2SO_4–Li_2SO_4	10	610.0	2026					
3806	Ag_2Se–Bi_2Se_3	90	610.0	2083					
3807	KCl–$TiCl_2$–$TiCl_3$	82–14–4	610.0	2669					
3808	$LiBO_2$–$NaBO_2$–NaCl	41.5–43.5–15	610.0	2702					
3809	CsBr–$NaBO_2$	96.5	610.0	2702					
3810	$MgCl_2$–UF_4	50	610.0	2931					
3811	Na_2SO_4–$NaVO_3$	14	610.0 ±5	2953					
3812	Al_2O_3–$NaVO_3$	0.3	610.0	2768					
3813	Al_2O_3–$NaVO_3$	0.3	610.0	2749					
3814	KF–PrF_3	76 APP	610.0	3146					
3815	BaF_2–$CaCl_2$	10	611.0	360	814				
3816	NaF–Na_2MoO_4	20	611.0	336	377	443			
3817	NaF–Na_2MoO_4	20	611.0	3038					
3818	Fe_2O_3–MgO–PbF_2	10.7–10.7–78.6	612.0	1187					
3819	KF–$K_4P_2O_7$–NaF	13.8–24.1–62	612.0	895					
3820	$MgFe_2O_4$–PbF_2	12	612.0	1187					
3821	KCl–$SrCl_2$	33	612.0	1274					
3822	KCl–$SrCl_2$	33.3	612.0	2384					
3823	RbCl–$TiCl_3$	83	612.0	21	75				
3824	$CaCl_2$–CsCl	11	612.0	185	2500				
3825	KCl–$PbCrO_4$	46.1	612.0	1054					
3826	$K_2B_4O_7$–KCl–$Na_2B_4O_7$	11.8–42–46.2	612.0	354					
3827	NaCl–Na_2SO_4–Na_2CO_3	51.8–24.1–24.1	612.0	279					
3828	$CaCl_2$–CsCl	11.1	612.0	2759					
3829	Cs_2SO_4–Li_2SO_4–$SrSO_4$	9–86–5	612.0	2853					
3830	K_2CO_3–KI	24 APP	612.0	3185					
3831	CsF–$Cs_2Ti_2O_5$	82.	613.0	722					
3832	CsCl–$ScCl_3$	92.5	613.0	945					
3833	$CaCl_2$–$CeCl_3$	78	613.0	114	271	437	734	742	2447
3834	CsBr–CsCl	57.5	613.0	1010					
3835	CsBr–CsCl	58.5	613.0	1008					
3836	NaBr–Na_2CO_3	62.5	613.0	875					
3837	$BaTiO_3$–$Pb(PO_3)_2$	0.7	613.0	723					
3838	CaO–V_2O_5	13.5	613.0	2734					
3839	KPO_3–$K_4P_2O_7$	80 APP	613.0	3199					
3840	NaF–$NaPO_3$	52.5	614.0	1275	1362				
3841	NaF–Na_2MoO_4	20	614.0	336	377	443			
3842	KCl–RbCl–$SrCl_2$	10–31–59	614.0	2053					
3843	KCl–$PbCrO_4$	34.7	614.0	1054					
3844	CaH_2–LiH	18.3±0.5	614.0 ±0.3	1741					
3845	K_3PO_4–P_2O_5	23	614.0	2704					
3846	$CaCl_2$–$CoCl_2$	54.3	614.0	3137					

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References				
3847	CsF–NaF	80	615.0	768				
3848	CsF–ThF_4	91	615.0	509				
3849	CsF–Cs_3PO_4	76.	615.0	2261				
3850	KCl–$NbCl_4$	78	615.0	791				
3851	KCl–$NdCl_3$	83.5	615.0	114				
3852	$BaSO_4$–NaCl–Na_2SO_4	3.7–51.8–44.4	615.0	1683				
3853	$CaBr_2$–Ca_3N_2	90	615.0	1172				
3854	$Na_2B_4O_7$–V_2O_5	12	615.0 APP	935				
3855	Cs_2SO_4–Na_2SO_4	30	615.0	1115				
3856	$Mg(VO_3)_2$–$Sr(VO_3)_2$	29	615.0	3086				
3857	$CaCl_2$–KCl	76	615.0	3098				
3858	$LiPO_3$–$Mn(PO_3)_2$	95	615.0	2898				
3859	$CaCl_2$–KCl	76	615.0	2915				
3860	$Bi_2(MoO_4)_3$–$PbMoO_4$	71.5	615.0	3134				
3861	RbF–Rb_2CO_3	66	616.0	391				
3862	CsCl–KCl	66	616.0	96				
3863	KCl–RbCl–$SrCl_2$	9–23–68	616.0	2053				
3864	CsCl–$ScCl_3$	92 APP	616.0	2212				
3865	$PuCl_3$–$SrCl_2$	52	616.0	57				
3866	CsBr–Li_2CO_3	98.5	616.0	2052				
3867	Cs_2SO_4–Li_2SO_4	9	616.0	891				
3868	$BaSO_4$–Cs_2SO_4–Li_2SO_4	NA	616.0	2899				
3869	NaBr–Na_2SO_4	NA	616.0	3218				
3870	LiF–Li_2MoO_4	38	617.0	336				
3871	RbCl–$TaCl_4$	82	617.0	1007				
3872	RbBr–$TiBr_3$	65	617.0	837				
3873	KBr–K_2CO_3	66.6	617.0	875				
3874	Na_2WO_4–$ZnWO_4$	83.5	617.0	2620				
3875	RbBr–RbI	50% MIN. MELT. POINT	617.0	3060				
3876	$BaWO_4$–NaF–Na_2WO_4	11–10–79	617.0 ±2	2881				
3877	CsF–NaF	77	618.0	2378				
3878	NaF–ThF_4	77.5	618.0	148	464			
3879	$CeCl_3$–KCl	30.2	618.0	90	107	114	264	741
3880	$CaCl_2$–$CeCl_3$	45	618.0	114	271	437	734	742
3881	$BaCl_2$–$BaCO_3$–NaCl	47.5–22–30.5	618.0	345				
3882	KCl–K_2WO_4	61.6	618.0	233	549			
3883	Bi_2O_3–MoO_3	18.5	618.0	1109	1120			
3884	MoO_3–V_2O_5	60	618.0	1436				
3885	$BaCl_2$–$BaSO_4$–RbCl	20.3–0.9–78.8	618.0	2982				
3886	$BaCl_2$–$BaCO_3$–NaCl	NA	618.0	3126				
3887	RbCl–YCl_3	88	619.0	2236				
3888	$CaCl_2$–$CrCl_2$	58	619.0	2695				
3889	MnF_2–NaF–RbF	7–26–67	620.0	2432				
3890	NaF–ThF_4	76	620.0	148				
3891	KF–LaF_3	87.5	620.0	1171				
3892	CsF–MnF_2	29	620.0	1451				
3893	AlF_3–$BaCl_2$–NaF	29.3–36.6–34.1	620.0	762				
3894	NaF–NaI	20	620.0	61	62			
3895	NaF–RbF–Rb_2SO_4	30.5–64.2–5.3	620.0	1043				
3896	$Li_4P_2O_7$–NaF	16	620.0	247	427			
3897	$Li_4P_2O_7$–NaF	16.4	620.0	827				
3898	LiCl–$NiCl_2$	84.1	620.0	369				
3899	KCl–$ThCl_4$	88.3	620.0	54				
3900	KCl–YCl_3	85	620.0	2236				
3901	$BaCl_2$–RbCl	20 APP	620.0 APP	1918				
3902	$FeCl_2$–$LaCl_3$	72.3	620.0	828				
3903	$BaSO_4$–$CaSO_4$–NaCl–Na_2SO_4	4.6–15.5–45–34.9	620.0	1226				
3904	CsCl–$SrSO_4$	96.4	620.0	1216				

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
3905	Li_2SO_4–$NiCl_2$	86.5	620.0	369
3906	KCl–KPO_3	20	620.0	687 2189
3907	$K_2B_4O_7$–KCl–$Na_2B_4O_7$	23.8–16.5–59.6	620.0 APP	354
3908	$Fe_2(SO_4)_3$–Na_2SO_4	18	620.0	911
3909	$Cu(PO_3)_2$–KPO_3	17	620.0	2380
3910	$CaMoO_4$–CsCl	98.3	620.0	3228
3911	$MgCl_2$–UF_4	80	620.0	2931
3912	KCl–Li_3AlF_6	75±1	620.0 ±1	3006
3913	Li_3AlF_6–SrF_2	45	620.0	3011
3914	B_2O_3–PbO–V_2O_5	15–83.5–1.5	620.0	3094
3915	$CaBr_2$–LiBr	66.7	620.0	2759
3916	$BaCl_2$–BaF_2–NaCl–NaF	NA	620.0	2772
3917	$MgCl_2$–ThF_4–UCl_3	21–57–22	620.0 ±2	2802
3918	Na_2WO_4–$ZnWO_4$	81	620.0	2823
3919	B_2O_3–MoO_3–PbO	NA	620.0	2824
3920	Cs_2SO_4–Li_2SO_4–$SrSO_4$	20–78–2	620.0	2853
3921	RbBr–Rb_2CrO_4	78	620.0	2920
3922	Na_2MoO_4–$PbMoO_4$	72	620.0	3161
3923	BaF_2–LiF–NaF	7–54.5–38.5	621.0	8 475
3924	$CaCl_2$–$MgCl_2$	39	621.0	156
3925	KCl–K_2WO_4	63.9	621.0	1044
3926	Cd_3As_2–CdS	NA	621.0	2999
3927	K_2NbF_7–LiF–NaF	46.0–18.5–35.5	621.0	3044
3928	CsF–$CsVO_3$	83	621.0	3175
3929	KCl–$ThCl_4$	82	622.0	1049
3930	$CaCl_2$–$CaCO_3$	70	622.0	380
3931	KCl–K_2CO_3–K_2SO_4	63–31.1–58	622.0	1034
3932	KCl–K_2MoO_4	63	622.0	330 522 1044
3933	NaCl–Na_2WO_4	82	622.0	311
3934	B_2O_3–Bi_2O_3	19	622.0	1142
3935	MoO_3–V_2O_5	27	622.0	1436
3936	K_2TaF_7–LiF–NaF	41.6–21.4–37.0	622.0	3044
3937	K_2O–WO_3	43.7	622.0	3056
3938	K_2SO_4–$SrSO_4$–Tl_2SO_4	1.5–1.5–97	622.0	2850
3939	$CrCl_3$–CsCl	5.5	623.0	838
3940	$BaTiO_3$–$Pb_3(PO_4)_2$	16.5	623.0	723
3941	$BaTiO_3$–$Pb(BO_2)_2$	5	623.0	723
3942	CdTe–Sb	1.2	623.0	2618
3943	$NaBO_2$–NaCl–Na_2WO_4	8.5–23.5–68	623.0	2955
3944	SbI_3–Sb_2O_3	NA	623.0 ±5	2863
3945	KCl–K_2CO_3	70 APP	623.0	3183
3946	LiF–NaF–SrF_2	55–36–9	624.0	474
3947	NaCl–NaF–$Na_4P_2O_7$	51.1–33.6–15.3	624.0	2199
3948	$BaCl_2$–$CaCl_2$	54	624.0	10 61 324 360
3949	$CaCl_2$–$CeCl_3$	75	624.0	114 271 437 734 742
3950	$BaCl_2$–$BaTiO_3$–NaCl	34.6–1–64.4	624.0	302
3951	$Li_4P_2O_7$–Na_2MoO_4	4.7	624.0	2060
3952	$Li_4P_2O_7$–Na_2MoO_4–$Na_4P_2O_7$	5.5–88.9–5.5	624.0	1123
3953	$BaMoO_4$–MoO_3	25	624.0	2688
3954	$BaCl_2$–$BaSO_4$–RbCl	40.3–1.0–58.7	624.0	2982
3955	$CaCl_2$–$LaCl_3$–LaOCl	61.8–36.1–2.1	624.0	2752
3956	$BaCl_2$–$BaSO_4$–RbCl	18–2–80	624.0	2791
3957	$SrSO_4$–Tl_2SO_4	3	624.0	2850
3958	NaCl–Na_2SO_4	54	624.0	3208
3959	CsF–KF	57	625.0	1230
3960	KF–LaF_3	78	625.0	1243
3961	KF–NdF_3	77	625.0	3261
3962	KF–NdF_3	79 ±2	625.0 ±10	2215

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References		
3963	K_3AlF_6–KCl–NaCl	3.7–40.5–55.8	625.0	1168		
3964	$BaSO_4$–KCl–NaCl	4.5–47.7–47.7	625.0	2502		
3965	Na_2WO_4–WO_3	80	625.0	1205		
3966	RbCl–$ThCl_4$	84	625.0 ±2	2856		
3967	AlF_3–NaCl–NaF	37.7–17.4–44.8	626.0	66		
3968	KCl–NaCl–ThF_4	43.7–43.7–12.6	626.0	147		
3969	KF–K_2SiO_3–Na_2SiO_3	36–50.5–13.5	626.0	223		
3970	RbCl–$SrCl_2$	38	626.0	2053		
3971	$MgCl_2$–$NdCl_3$	36	626.0	114		
3972	KBr–NaBr	50	626.0	831	875	
3973	$NaBO_2$–NaCl–Na_2WO_4	6.5–38.5–55	626.0	2955		
3974	$BaCl_2$–$BaSO_4$–RbCl	42–2–56	626.0	2791		
3975	$BaCl_2$–K_2TiF_6	25.5	627.0	772		
3976	NaF–Na_2MoO_4	15	627.0	336	377	443
3977	RbF–Rb_2CO_3	49	627.0	391		
3978	$MgCl_2$–NdOCl	67.2	627.0	3049		
3979	BaF_2–CsF	16	628.0	2203		
3980	KF–K_2SiO_3–Na_2SiO_3	43–37–20	628.0	223		
3981	KF–K_2SiO_3–Na_2SiO_3	59–15–26	628.0	223		
3982	NaCl–Na_2SO_4	51.8	628.0	279	406	
3983	NaCl–Na_2SO_4	52.9	628.0	1439		
3984	$BaCl_2$–$BaCO_3$–NaCl	42–30–28	628.0	345		
3985	NaCl–Na_2MoO_4	59.1	628.0	330	522	
3986	K_2O–WO_3	62.7	628.0 ±3	1707		
3987	Cs_2SO_4–Li_2SO_4	22	628.0	891		
3988	$BaSO_4$–RbCl–Rb_2SO_4	2.7–78.1–19.2	628.0	2982		
3989	Fe_2O_3–TeO_2	26 APP	628.0 ±2	2998		
3990	$BaCl_2$–$BaCO_3$–NaCl	NA	628.0	3126		
3991	K_2SO_4–Tl_2SO_4	3	629.0	918		
3992	LiF–MgF_2–NaF	47–10–43	630.0	528		
3993	KF–LaF_3	80	630.0 ±5	23		
3994	AgF–ZnF_2	42	630.0	536		
3995	BaF_2–CaF_2–NaCl	41.9–5.15–53	630.0	830		
3996	KCl–KF–NaCl–ZrF_4	24.2–38.6–24.2–12.9	630.0	962		
3997	KCl–K_3ZrF_7–NaCl	44.1–11.7–44.1	630.0	769		
3998	K_2ZrF_6–NaCl	79	630.0	769		
3999	K_3ZrF_7–KCl–NaCl	21–39.5–39.5	630.0	962		
4000	$CaCl_2$–KCl	73.9	630.0	2384		
4001	$NbCl_4$–RbCl	17	630.0	387		
4002	RbCl–$SmCl_3$	89	630.0	1011		
4003	RbCl–$SrCl_2$	31.5	630.0	2053		
4004	RbCl–$TiCl_2$	85	630.0	31		
4005	$CaCl_2$–$LaCl_3$	28	630.0	114	457	
4006	KCl–Li_2CO_3	41.3	630.0	2052		
4007	Bi_2O_3–V_2O_5	85 APP	630.0	890		
4008	$CdWO_4$–$Pb(BO_2)_2$–PbO	11–47–41	630.0	2151		
4009	Cs_2SO_4–Li_2SO_4	20	630.0	2026		
4010	KBO_2–KPO_3–K_2SO_4	28–67–5	630.0	2504		
4011	$CdWO_4$–$Pb(BO_2)_2$–PbO	11–47–41	630.0	2151		
4012	GeSe–GeTe	64 APP	630.0 APP	2025		
4013	CsCl–$SrMoO_4$	1.4	630.0	3228		
4014	KCl–$TiCl_2$–$TiCl_3$	57–35–8	630.0	2669		
4015	KF–NaF–TiF_4	57.0–15.2–27.8	630.0	3028		
4016	$CaCl_2$–UCl_3	59	630.0	3087		
4017	In_2S_3–Tl_2S	5	630.0 ±5	2766		
4018	$BaCl_2$–BaF_2–NaCl–NaF	NA	630.0	2772		
4019	$BaSO_4$–RbCl–Rb_2SO_4	3–76.5–20.5	630.0	2791		
4020	KCl–$ThCl_4$	75	630.0 ±2	2856		

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
4021	LiF–NaF	61	632.0	197
4022	KF–$K_2B_4O_7$–NaF	43.2–27.0–29.8	632.0	353
4023	BaF_2–KCl–NaF	3.9–67.7–28.3	632.0	16
4024	KCl–$TiCl_2$	73	632.0	316
4025	KCl–K_2CO_3	61.6	632.0	1034
4026	KCl–NaCl–$Na_4P_2O_7$	52.3–40.9–6.8	632.0	2290
4027	NaCl–Na_2CrO_4–$Na_4P_2O_7$	59.8–15.4–24.8	632.0	2258
4028	Li_2SO_4–$PbSO_4$	78	632.0	136
4029	$ThCl_4$–UCl_3	70	632.0	2664
4030	K_2TaF_7–NaCl–NaF	17.5–20–62.5	632.0	2938
4031	RbBr–Rb_2SO_4	71	632.0	2792
4032	RbBr–Rb_2SO_4	83	632.0	2905
4033	$BaCl_2$–K_2TiF_6	66.2	633.0	772
4034	$K_2B_4O_7$–NaF–$Na_2B_4O_7$	32–30–38	633.0	353
4035	K_2O–WO_3	47	633.0	3056
4036	$BaCl_2$–RbCl	82	633.0	3126
4037	CsF–MnF_2–NaF	44–31–25	634.0	1798
4038	BaF_2–LiF–NaCl	16.3–36–47.7	634.0	1117
4039	$CaSO_4$–NaCl–Na_2SO_4	18.8–46.1–35	634.0	1439 1683
4040	KCl–K_2CrO_4–$K_4P_2O_7$	65.9–30–4.1	634.0	2258
4041	NaCl–Na_2CO_3	76.9	634.0	279 455
4042	V_2O_5–ZnO	64	634.0	1006
4043	$LiBO_2$–$NaBO_2$	58	634.0	2702
4044	K_2SO_4–$MgSO_4$–Na_2SO_4	31–29–40	634.0	2798
4045	CaF_2–KCl–NaF	.5–74.4–25.1	635.0	1108
4046	CsF–Cs_2MoO_4	85.	635.0	336
4047	K_2BeF_4–K_3PO_4	45	635.0	1236
4048	NaF–Na_2WO_4	20	635.0	336
4049	CsCl–RbCl	88.5	635.0	1918
4050	Li_2CO_3–RbCl	56.2	635.0	2052
4051	NaCl–V_2O_5	50 APP	635.0	1976
4052	KBr–$TiBr_3$	80	635.0	772
4053	Bi_2O_3–MoO_3–PbO	8.5–14.5–77	635.0	1109
4054	Cu_2S–Na_2S	74.3	635.0	1850
4055	$CdSO_4$–K_2SO_4	43.5	635.0	1141
4056	Li_2SO_4–$PbSO_4$	80	635.0	824
4057	K_2MoO_4–Na_2MoO_4–$Na_4P_2O_7$	18.5–79.5–2	635.0	1122
4058	$CaCl_2$–UF_4	83.5	635.0	2931
4059	KCl–K_2TaF_7–NaF	5–15–80	635.0	2938
4060	K_2WO_4–$ZnWO_4$	42	635.0	3052
4061	$SrCl_2$–UCl_3	31	635.0	3087
4062	$MgCl_2$–$PuCl_3$–UCl_3	NA	635.0	2842
4063	K_3AlF_6–Li_3AlF_6–Na_3AlF_6	18–77–5	636.0	2480
4064	KCl–K_2SiF_6	68	636.0	2278
4065	LiF–Li_2WO_4	51	636.0	549
4066	KCl–K_2CO_3	65	636.0	62 685
4067	RbBr–$TiBr_4$	97 LT	636.0	837
4068	Bi_2O_3–MoO_3	27.5	636.0	1109 1120
4069	KF–K_2NbF_7–NaF	9–63–28	636.0	2936
4070	Pb_2CrO_5–Pb_2SiO_4	19	636.0	2914
4071	NaCl–Na_2WO_4	19	637.0	311 1044
4072	Li_2O–Na_2O–SiO_2	9.8–19–71.2	637.0 ±3	2317
4073	$BaCl_2$–RbCl	53	637.0	3126
4074	NaF–YF_3	72	638.0	1400 1401
4075	KF–KPO_3	19	638.0	1275 1362
4076	$BaCl_2$–$BaSO_4$–NaCl	38.6–4.3–57	638.0	1683
4077	KBr–NaBr	50	638.0	210 245 2789
4078	CaI_2–Ca_3N_2	85	638. 1172	1172

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
4079	$CsF-Cs_2WO_4$	84.	639.0	336
4080	$K_3AlF_6-Li_3AlF_6$	19	640.0	1934
4081	$LiF-NaF$	61	640.0	2184
4082	$LiF-ZnF_2$	62	640.0	672
4083	$CsF-MnF_2-NaF$	20–39–41	640.0	1798
4084	$NaF-ZnF_2$	63	640.0	672
4085	$KCl-K_2TiF_6$	70.8	640.0	449
4086	$NaCl-Na_3HfF_7$	59.1	640.0	2042
4087	$KBr-NaF$	77.8	640.0	875
4088	$KF-K_2TiO_3-Li_2TiO_3$	65–23–12	640.0	300
4089	$BaCl_2-NaCl$	41.5	640.0	529
4090	$CaCl_2-KCl$	72.4	640.0	1076
4091	$CaCl_2-KCl$	74.1	640.0	1926
4092	$BaCl_2-RbCl$	43 APP	640.0 APP	1918
4093	$CaCl_2-CeCl_3$	76	640.0	114 271 437 734 742
4094	$CeCl_3-ThCl_4$	39.4	640.0	54 492
4095	$KBO_2-KCl-K_2SO_4$	30–56–14	640.0	273
4096	$FeS-Na_2S$	32.3 APP	640.0	2260
4097	$FeS-Na_2S-PbS$	60.2–24.9–14.9 APP	640.0	2260
4098	$Al_2(SO_4)_3-Na_2SO_4$	17.6	640.0	1309
4099	$GeSe-PbSe$	65 APP	640.0 APP	2025
4100	$BaO-MoO_3$	18.9 APP	640.0 APP	2661
4101	$KCl-KF-K_2TiF_6$	32.2–9.6–58.2	640.0	2981
4102	$KCl-TiCl_2-VCl_3$	79–11–10	640.0	3055
4103	$SrNb_2O_6-SrV_2O_6$	8	640.0	3062
4104	PrF_3-RbF	18 APP	640.0	3146
4105	$KCl-K_2TiF_6$	43	640.0	3191
4106	$CsF-Cs_2CrO_4$	81.	641.0	336
4107	$CaCl_2-KCl$	74.1	641.0	42 55 63 96 98 156 259 370 461 815
4108	Cs_2CrO_4-CsF	19	641.0	3176
4109	$NaBr-NaF$	73	642.0	875
4110	$ErCl_3-KCl$	88	642.0	1289
4111	$CsCl-VCl_2$	97.8	642.0	222
4112	$CaCl_2-KCl-K_2SO_4$	35.4–57.4–7.5	642.0	370
4113	$LiBO_2-Li_3PO_4-NaBO_2$	52–2–45 APP	642.0	2721
4114	$Ca(VO_3)_2-Sr(VO_3)_2$	36	642.0	3086
4115	$RbCl-Rb_2SO_4$	65	642.0	2763
4116	$RbCl-Rb_2SO_4$	80	642.0	3215
4117	ErF_3-NaF	27	643.0	1401
4118	$KCl-SmCl_3$	83	643.0	950
4119	$Na_2SO_4-(NH_4)_2SO_4$	40	643.0	2455
4120	$NaF-RbF$	33	644.0	317
4121	$CaCl_2-CaF_2$	80.5	644.0	55 815
4122	$KF-K_2SiO_3-LiF$	36–53–11	644.0	138
4123	$KCl-NbCl_3$	80	644.0	1851
4124	$KCl-SmCl_3$	83	644.0	1011
4125	$CaSO_4-KCl-K_2SO_4$	13.5–58.1–28.4	644.0	370
4126	Li_2CO_3-NaBr	61.3	644.0	2052
4127	$Cu(PO_3)_2-KPO_3$	51	644.0	2380
4128	$K_4P_2O_7-Na_2MoO_4$	4.7	644.0	1122
4129	$KCl-KF-K_2ZrF_6$	60–4–36	645.0	1680
4130	$KF-K_2WO_4-NaF$	53–20–27	645.0	329
4131	$KCl-NaCl$	50	645.0 ±2	2374
4132	$BaCl_2-KCl$	42.7	645.0	164
4133	$KCl-SmCl_3$	82	645.0	832
4134	$CaCl_2-TlCl$	68	645.0	1918
4135	$MgCl_2-PrCl_3$	62	645.0	505

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C		References
4136	$CaCl_2$–Na_2SO_4	91.5	645.0	1439	
4137	KCl–$K_4P_2O_7$–$Li_4P_2O_7$	87.2–2.8–10	645.0	1111	
4138	V_2O_5–ZnO	46	645.0	1006	
4139	LiH–SrH_2	88.8	645.0	998	
4140	KF–NaF–TiF_4	64.7–21.3–13.0	645.0	3028	
4141	NaCl–ThF_4	20	645.0 ±2	2848	
4142	CsF–SmF_3	93 APP	645.0	3146	
4143	$MnSO_4$–Na_2SO_4	55	645.0	3153	
4144	LiF–MgF_2–SrF_2	53–29–18	646.0	242	
4145	CsF–ZrF_4	90	646.0	991	
4146	$BaCl_2$–KCl	43.4	646.0	1105	
4147	$PbCrO_4$–Rb_2CrO_4	68	646.0	1160	
4148	Cs_2MoO_4–$PbMoO_4$	59	646.0	1160	
4149	$ErCl_3$–KCl	87	647.0	1855	
4150	$CaCl_2$–TlCl	68	647.0	512	
4151	K_2NbF_7–NaF	66.5	647.0	2936	
4152	RbCl–ThF_4	60	647.0 ±2	2839	
4153	KF–NaF–YF_3	58–32–10	648.0	1311	
4154	$BaCl_2$–BaF_2–CaF_2–NaF	20.4–20.4–10.5–48.6	648.0	919	
4155	BaFCl–LiF–NaCl	14.9–37.9–47.1	648.0	1156	
4156	KCl–NaF	73	648.0	908	
4157	CsF–Cs_2SO_4	84	648.0	391	
4158	KF–K_2MoO_4–NaF	32–21–28	648.0	377	
4159	K_2WO_4–LiF	42	648.0	489	
4160	NaF–Na_2CrO_4	35	648.0	336	
4161	$BaCl_2$–NaCl	34.7	648.0	345	
4162	$BaCl_2$–NaCl	39.8	648.0	830	
4163	$BaCl_2$–NaCl	40	648.0	42	
4164	$BaCl_2$–KCl	42.9	648.0 ±0.2	1474	
4165	$NbCl_2$–RbCl	18	648.0	1852	
4166	$BaCl_2$–$PuCl_3$	36	648.0	57	
4167	$MnCl_2$–$NiCl_2$	99.5	648.0 APP	2114	
4168	Nb_2O_5–V_2O_5	1 APP	648.0	1022	
4169	$Ca(PO_3)_2$–Na_2O	67.7	648.0	2343	
4170	Na_2CO_3–Na_2CrO_4–Na_2SO_4	46–51–3	648.0	2727	
4171	$BaCl_2$–NaCl	51.5	648.0	3126	
4172	CsF–ErF_3	90 APP	648.0	3146	
4173	KBr–NaF	80	649.0	1358	
4174	K_2TiF_6–TiO_2	83.9	649.0	1149	
4175	$MgCl_2$–$MnCl_2$	6.5 APP	649.0 APP	1339	
4176	CdF_2–LiF	44.4	650.0	2468	
4177	CsF–LiF–YF_3	31–47.5–21.5	650.0	1291	
4178	CsF–MnF_2–NaF	16–67–17	650.0	1798	
4179	NaF–ScF_3	62	650.0	1906	
4180	CeF_3–CsF	7.5	650.0	1312	
4181	CaF_2–LiF–NaCl	3.1–40.7–56.2	650.0	1361	
4182	CaO–NaF	48.	650.0	1475	
4183	KF–KPO_3–NaF	51–15–34	650.0	1362	
4184	NaF–Na_2WO_4	11	650.0	329	
4185	NaF–Na_2WO_4	23	650.0	443	
4186	$BaCl_2$–NaCl	39.6	650.0	772	
4187	$BaCl_2$–KCl	47	650.0	846	
4188	$EuCl_3$–KCl	88	650.0	1482	
4189	RbCl–$SrCl_2$	32	650.0	512	
4190	$LaCl_3$–YCl_3	25	650.0	1241	
4191	$MgCl_2$–$PuCl_3$	62	650.0	57	
4192	KCl–K_2CrO_4	68.4	650.0	386	704
4193	Cr_2O_3–V_2O_5	1 APP	650.0 ±3	1999	

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
4194	$Na_2O-V_2O_5$	5.5	650.0	1433
4195	$Al_2O_3-NaPO_3$	82 APP	650.0	3264
4196	$FeS-Na_2S$	22.8 APP	650.0	2260
4197	$CaNaPO_4-Ca_3(PO_4)_2$	86.4 APP	650.0	2453 2489
4198	$SrCl_2-ThF_4$	74	650.0 ±2	2925
4199	$BaV_2O_6-SrV_2O_6$	27.0	650.0	3016
4200	$KCl-MoCl_3$	60	650.0	3019
4201	$Al_2O_3-TeO_2$	31.3	650.0	2817
4202	$CaCrO_4-KCl$	24.1	651.0	1458
4203	$KCl-CaCrO_4$	75.8	651.0	2915
4204	$LiF-NaF$	61	652.0	8 421 474 475 481 908 3257
4205	$KF-LiF-Li_2TiO_3$	79–12–9	652.0	300
4206	$K_4P_2O_7-Li_4P_2O_7-Na_4P_2O_7$	36–28–36 APP	652.0	823
4207	$CdWO_4-Na_2WO_4$	10.2	652.0	2620
4208	$KCl-K_2TiF_6$	76	652.0	2630
4209	$Na_2CO_3-Na_2CrO_4$	50	652.0	2674
4210	$LiBO_2-NaBO_2$	56	652.0	2721
4211	$KF-K_2NbF_7-NaF$	5–65–30	652.0	2722
4212	$Na_2CO_3-Na_2CrO_4$	50	652.0	2727
4213	$CaCO_3-Ca(OH)_2$	35.8	653.0	970
4214	$NaVO_3-V_2O_5$	3	653.0	2775
4215	$NaVO_3-V_2O_5$	3	653.0	2864
4216	$BaF_2-LiF-MgF_2$	22–52–26	654.0	207
4217	AlF_3-BaCl_2-NaF	32–22.2–74.6	654.0	762
4218	$BaCl_2-NaCl$	39	654.0	612 2444 2444
4219	$BaCl_2-NaCl$	39.9	654.0	897
4220	$BaCl_2-NaCl$	40	654.0	183 613 2443
4221	$Na_2SO_4-V_2O_5$	8	654.0	1468
4222	$Na_2MoO_4-Na_4P_2O_7$	94.2	654.0	1122
4223	$BaCl_2-NaCl$	27	654.0	2772
4224	$CaSO_4-Li_2SO_4-Rb_2SO_4$	NA	654.0	2884
4225	$CsF-PrF_3$	90 APP	654.0	3146
4226	BaF_2-RbF	22	655.0	1918
4227	$CaF_2-KCl-NaCl$	.8–59.4–39.8	655.0	359 483
4228	$KCl-VCl_3$	84 ±0.5	655.0 ±5.	428
4229	$RbCl-ScCl_3$	91 APP	655.0	2212
4230	$RbCl-VCl_3$	89	655.0	906
4231	$B_2O_3-Rb_2O$	63.2	655.0	1991
4232	$GaTe-SnTe$	53.5	655.0	2250
4233	$NaBO_2-RbCl$	20	655.0	2702
4234	$KF-K_2NbF_7-NaF$	54.5–20.0–25.5	655.0	2936
4235	$CsF-HoF_3$	95	655.0	3085
4236	$MnMoO_4-MoO_3$	33	655.0	2800
4237	$Na_2CO_3-Na_2CrO_4$	NA	655.0	3207
4238	$BaCl_2-NaCl$	40	656.0	743
4239	$CaCl_2-SrCl_2$	65	656.0	312 2384
4240	$KCl-K_4P_2O_7-Li_4P_2O_7$	74.7–18.3–7	656.0	1111
4241	$K_2B_4O_7-NaCl$	23.5	656.0 APP	354
4242	$LaCl_3-LaOCl-MgCl_2$	25–1.5–73.5	656.0	3046
4243	$BaCl_2-KCl$	26.9	657.0	1105
4244	$MgCl_2-MgSO_4$	81	657.0	62
4245	$K_4P_2O_7-Li_4P_2O_7-Li_2TiO_3$	60.9–37.1–2	657.0	1038
4246	$BaF_2-KF-NaF$	19–54–27	658.0	8
4247	$KF-K_2B_4O_7-NaF$	15.2–44.4–40.4	658.0	353
4248	$NaF-Na_2CO_3-Na_2SO_4$	37.4–37.4–25.2	658.0	278
4249	$KCl-NaCl$	48.5	658.0	908
4250	$KCl-NaCl$	50	658.0	844 847

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C		References
4251	$BaCl_2$–KCl	25	658.0	846	
4252	$BaCl_2$–KCl	25.9	658.0 ±0.2	1474	
4253	KCl–$NbCl_2$	73	658.0	1852	
4254	RbCl–$TiCl_3$	62	658.0	2464	
4255	$CoCl_2$–$CoSO_4$	70	658.0	375	511
4256	CsBr–$TiBr_3$	73	658.0	837	
4257	Al_2O_3–V_2O_5	1.46	658.0	1195	
4258	MgO–V_2O_5	25 APP	658.0	1283	
4259	Cr_2O_3–Na_2CO_3	45	658.0	1461	
4260	K_2NbF_7–NaF	65	658.0	2722	
4261	$CoCl_2$–$CoSO_4$	30	658.0	3145	
4262	LiF–NaF	60.4	659.0 ±2	1376	
4263	CdF_2–NaF	47	660.0	62	
4264	CsF–SrF_2	95	660.0	2203	
4265	$BaCl_2$–BaF_2–KCl–LiF	3.75–3.75–75.5–17	660.0	1463	
4266	KCl–K_2ZrF_6	21.4	660.0	1183	
4267	Na_3AlF_6–NaCl–NaF	3.19–65.96–30.85	660.0	1297	
4268	Na_3AlF_6–NaCl–NaF	3.2–66–30.8	660.0	1168	
4269	KF–Li_2TiO_3	84	660.0	300	
4270	KCl–$TbCl_3$	86	660.0	1482	
4271	$CeCl_3$–$MgCl_2$	31.2	660.0	114	
4272	KCl–$K_4P_2O_7$–$Na_4P_2O_7$	79.4–3.2–17.4	660.0	2290	
4273	KCl–$Na_2B_4O_7$	27.5	660.0	512	
4274	NaCl–V_2O_5	10	660.0	1976	
4275	Li_2CO_3–RbBr	85.2	660.0	2052	
4276	BaI_2–Ba_3N_2	80	660.0	1061	
4277	$Cs_2O(Cs_2CO_3)$–V_2O_5	72	660.0	854	
4278	MoO_3–ZnO	81.3	660.0 ±10	1700	
4279	KPO_3–K_2SO_4	NA	660.0	2011	
4280	KPO_3–K_2SO_4	87	660.0	2504	
4281	Ag_2Se–PbSe	75	660.0	3263	
4282	MoO_3–PbO	79.5	660.0	2655	
4283	$CrCl_2$–$MnCl_2$	80	660.0	2695	
4284	$In_2(WO_4)_3$–Na_2WO_4	88	660.0	2984	
4285	$CaCl_2$–$CaCrO_4$	76.6	660.0	3098	
4286	Al_2O_3–V_2O_5	1	660.0	2768	
4287	Al_2O_3–V_2O_5	1	660.0	2749	
4288	ThF_4–UCl_3	24	660.0 ±2	2802	
4289	$CaCl_2$–$CaCrO_4$	76.6	660.0	2915	
4290	PrF_3–RbF	35 APP	660.0	3146	
4291	K_2TiF_6–NaF	85	660.0	3191	
4292	KCl–$Na_2B_4O_7$	27.5	660.0	3204	
4293	CdF_2–CsF	10	661.0	2552	
4294	SiO_2–V_2O_5	3.3±0.3	661.0 ±3	1871	
4295	KF–ThF_4	86 APP	662.0	148	615
4296	$CaCl_2$–K_2TiF_6	86.1	662.0	761	
4297	CaF_2–NaCl–NaF	1.2–64.3–30.3	662.0	206	
4298	RbCl–$TiCl_3$	90	662.0	2464	
4299	NaCl–Na_2WO_4	64.4	662.0	311	1044
4300	$CaCO_3$–Li_2CO_3	37 APP	662.0	3136	
4301	HoF_3–NaF	27	663.0	1401	
4302	AlF_3–CsF	6	663.0	1171	
4303	KCl–Nb_3Cl_8	92	663.0	1913	
4304	KF–K_2NbF_7–NaF	53–20–27	663.0	2722	
4305	KBr–K_2SO_4	NA	663.0	3218	
4306	KF–NaF–SrF_2	46.8–36.2–17.0	664.0	474	
4307	BaF_2–LiF–NaCl	15.6–19.6–64.7	664.0	1117	
4308	KCl–K_3HfF_7	76.8	664.0	2042	

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
4309	$KF-K_2WO_4-NaF$	20–41–39	664.0	329
4310	$HoCl_3-KCl$	10	664.0	1289
4311	$BaSO_4-CaSO_4-KCl$	4.2–15.6–80.2	664.0	1989
4312	$B_2O_3-Bi_2O_3$	46	664.0	1142
4313	EuH_2-LiH	6.8	664.0	998
4314	$KF-ThF_4$	83	664.0	3165
4315	$RbF-ThF_4$	85	664.0	3165
4316	$Li_2SO_4-MgSO_4$	NA	664.0	3218
4317	AlF_3-NaF	46.5	665.0	1300
4318	$KCl-LuCl_3$	85	665.0	2495
4319	$KCl-YbCl_3$	85	665.0	950
4320	$KBr-Li_2CO_3$	13.1	665.0	2052
4321	$CuO-TeO_2$	18.5	665.0 ±5	2940
4322	$BaF_2-Li_3AlF_6$	45	665.0	3011
4323	$CuV_2O_5-V_2O_5$	13.5	665.0	2785
4324	$KCl-K_3ZrF_7$	77	666.0	962
4325	$NaCl-VCl_2$	70.4	666.0	222
4326	$NaVO_3-V_2O_5$	10	666.0	2762
4327	$Pb_2MoO_5-Pb_2SiO_4$	14	666.0	2914
4328	$K_2B_4O_7-Na_2B_4O_7$	35 SER SOLID SOL	666.0	3180
4329	$RbF-ZnF_2$	35	667.0	672
4330	CaF_2-CaI_2	17.5	667.0 ±2	1918
4331	$NaF-Na_4P_2O_7-Na_2SO_4$	44–48–32	667.0	2475
4332	$CaCl_2-Na_2SO_4$	26	667.0	1439
4333	$MgCl_2-MgSO_4$	80	667.0	1091
4334	$K_2MoO_4-Na_2MoO_4$	19	667.0	328 377 522 1122
4335	$MoO_3-SrMoO_4$	76	667.0	2688
4336	$CsF-Cs_2SiF_6$	88	667.0	2769
4337	$CsF-Cs_2SiF_6$	88	667.0	2746
4338	$LiF-NaCl$	40.5	668.0	908
4339	$CaCrO_4-KCl$	32.9	668.0	1696
4340	$KBr-RbBr$	20	668.0	430
4341	$Cs_2O(Cs_2CO_3)-V_2O_5$	92	668.0	854
4342	$K_2B_4O_7-Na_2B_4O_7$	35	668.0	2294
4343	$MgWO_4-Na_2W_2O_7$	13	668.0	851
4344	BaF_2-MnF_2	29 APP	668.0	2665
4345	$MgMoO_4-Na_2MoO_4$	13.5	668.0	2916
4346	$NaF-Na_4P_2O_7-Na_2SO_4$	32.1–23–44.9	669.0	2475
4347	$LiH-YbH_2$	93.2	669.0	998
4348	AlF_3-NaF	63.5	670.0	66 124 127 214 493 531
4349	$CsF-YF_3$	96	670.0	1291
4350	$LiF-NaCl$	41	670.0	994
4351	$NaBr-NaF$	73	670.0	61 62
4352	BaF_2-BaI_2	8	670.0	1918
4353	$CaF_2-Ca(OH)_2$	30.9	670.0	970
4354	$CdO-V_2O_5$	17	670.0	2066
4355	$MoO_3-PbMoO_4$	27.4	670.0	1792
4356	$Cu_2S-FeS-Na_2S$	4.3–59.8–35.9	670.0	1052
4357	$K_2B_4O_7-NaBO_2-Na_2B_4O_7$	38–4.9–57	670.0	2294
4358	$PbCrO_4-Rb_2CrO_4$	41.5	670.0	1160
4359	$LiF-NaCl$	41.5	670.0	2628
4360	$KCl-K_2TiF_6$	31	670.0	2630
4361	$Li_2MoO_4-LiNd(MoO_4)_2$	93	670.0	2701
4362	$KCl-NaBO_2$	67.5	670.0	2702
4363	$Na_2MoO_4-Pr_2(MoO_4)_3$	97.5	670.0	3059
4364	$Na_2MoO_4-Yb_2(MoO_4)_3$	97.5	670.0	3059
4365	$MgCl_2-UCl_3$	64	670.0	3087
4366	$K_2SO_4-Li_2SO_4-SrSO_4$	NA	670.0	2883

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References				
4367	Na_2SO_4–Na_2WO_4	30 SER SOLID SOL	670.0	3162				
4368	LiF–SrF_2	80	671.0	1090				
4369	KCl–YCl_3	83	671.0	1154				
4370	RbCl–$TiCl_3$	64	671.0	21	75			
4371	$SrCl_2$–$SrCO_3$	74	671.0	2043				
4372	BaH_2–LiH	5	671.0	998				
4373	CaF_2–LiF–MgF_2	13.1–59.0–27.9	672.0	203	294			
4374	KF–K_2MoO_4–NaF	23–45–32	672.0	377				
4375	CsCl–$TiCl_3$	35	672.0	21	0	75	0	
4376	$FeCl_2$–$NiCl_2$	99.3	672.0 APP	1937				
4377	Y_2O_3–V_2O_5	2 APP	672.0 ±3	2237				
4378	K_2TaF_7–NaCl	77.5	672.0	2987				
4379	Li_2O–V_2O_4–V_2O_5	NA	672.0	3014				
4380	$Ba(PO_3)_2$–$NaPO_3$	25 APP	672.0	3084				
4381	$BaCl_2$–NaF	38	672.0	2772				
4382	KCl–YCl_3	85	672.0	2835				
4383	$CaKCl_3$–$CaCrO_4$	81.1	672.0	2915				
4384	CsF–YF_3	96	673.0	1171				
4385	KCl–$TiCl_3$	83	673.0	75	434	775	818	
4386	Na_2SO_4–$(NH_4)_2SO_4$	15	673.0	2455				
4387	KBr–RbBr	9	673.0	2810				
4388	KF–NaF–ScF_3	60–35–5	674.0	1169				
4389	NaF–ScF_3	58	674.0	1194				
4390	AlF_3–NaCl–NaF	7.5–46.9–45.5	674.0	66				
4391	$CsBO_2$–$LiBO_2$	35	674.0	2291				
4392	Na_2CrO_4–Na_2WO_4	15	674.0	3032				
4393	MnF_2–NaF–RbF	35–61–4	675.0	2432				
4394	NaCl–NaF	67	675.0	61	62	206	386	729
4395	KCl–YCl_3	87	675.0	853				
4396	$CaSO_4$–KCl–K_2SO_4	18–79–3	675.0	370				
4397	K_2MoO_4–$K_4P_2O_7$–$Li_4P_2O_7$	3.9–58.8–37.2	675.0	1155				
4398	Ag_2Se–Bi_2Se_3	10	675.0	2083				
4399	NaCl–NaF	66	675.0	2772				
4400	Al_2O_3–TeO_2	15	675.0	2817				
4401	$MgSO_4$–Rb_2SO_4	47.5	675.0	3159				
4402	CaF_2–LiF–MgF_2	12–64–24	676.0	203	294			
4403	CaF_2–KF–NaF	10–62–38	676.0	481	482	678		
4404	KCl–$TiCl_3$	85.2	676.0	434				
4405	KCl–VCl_3	87	676.0	906				
4406	CsCl–VCl_3	65	676.0	1450				
4407	VO_2–V_2O_5	0 APP	676.0	2231				
4408	$MgWO_4$–$Na_2W_2O_7$	40	676.0	851				
4409	KPO_3–MoO_3	85	676.0	2622				
4410	HgS–PbS	68	676.0	3103				
4411	$MoCl_2$–NaCl	30	676.0	3071				
4412	$BaCl_2$–$CeCl_3$	31–35	677.5 ±5.5	114	743			
4413	RbF–SrF_2	91	678.0	2203				
4414	KCl–K_2ZrF_6	75.8	678.0	1183				
4415	KCl–K_2ZrF_6	77	678.0	962	1680			
4416	LiF–NaCl	42	678.0	1358				
4417	KF–K_2CO_3	60	678.0	278	685	729		
4418	$CaCl_2$–RbCl	82.5	678.0	184	2500			
4419	KF–K_2TaF_7–NaF	52.3–21.1–26.6	678.0	2987				
4420	$BaMoO_4$–Na_2MoO_4	9.7	678.0	3038				
4421	Cs_2SO_4–Li_2SO_4–$SrSO_4$	57–30–13	678.0	2853				
4422	$BaWO_4$–Na_2WO_4	5	678.0	2881				
4423	PbF_2–$Pb_3(PO_4)_2$	92.5	678.0	3214				
4424	Li_3AlF_6–Na_3AlF_6	67.8	680.0	2137				

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
4425	DyF_3–NaF	27	680.0	1401
4426	HfF_4–KF–NaF	8–65–27	680.0	2030
4427	KF–K_3HfF_7–NaF	51.6–10–38.4	680.0	1684
4428	K_2TiF_6–Na_2TiF_6	44.4	680.0	3244
4429	BaF_2–CaF_2–KF	22–9–69	680.0	18
4430	KF–K_2BeF_4–K_3ZrF_7	66.59–23.71–9.7	680.0 ±5.	1185
4431	CsF–ScF_3	96	680.0	1310 1797
4432	LiF–NaCl	41.5	680.0	46 1059
4433	NaCl–NaF	66.5	680.0	2322
4434	NaF–$Na_2B_4O_7$	33	680.0	353 460
4435	$CrCl_3$–RbCl	8	680.0	2259
4436	CsCl–$TiCl_3$	63	680.0	2464
4437	$CoCl_2$–$NiCl_2$	93	680.0	1045
4438	KCl–KPO_3	NA	680.0	2010
4439	Bi_2O_3–PbO–TiO_2	63.5–36–.5	680.0	877
4440	CdO–PbO–WO_3	1.5–84.5–14	680.0	2151
4441	MoO_3–PbO	82.5	680.0	1109
4442	Na_2O–SiO_2–ZnO	21.6–69.1–9.2	680.0 ±10	1838
4443	PbO–SiO_2	40	680.0 APP	1383
4444	$K_4P_2O_7$–$Li_4P_2O_7$	62	680.0	823 827 1038 1155
4445	Na_2WO_4–$SrWO_4$	97	680.0 TO 685.	1328
4446	CeO_2–MoO_3	22 APP	680.0	2678
4447	CuO–TeO_2	45	680.0 ±5	2940
4448	$POCl_3$–$TiBr_4$	NA	680.0	2970
4449	Na_2MoO_4–$Sm_2(MoO_4)_3$	97.5	680.0	3059
4450	Na_2MoO_4–$Tb_2(MoO_4)_3$	97 APP	680.0 APP	3059
4451	$BaNb_2O_6$–BaV_2O_6	95	680.0	3062
4452	KF–NaF–SiF_4	64.0–19.5–16.5	680.0	3082
4453	K_2SO_4–$MnSO_4$	63	680.0	3153
4454	$Na_2B_4O_7$–NaF	80 APP	680.0	3180
4455	NaCl–NaF	67	680.5	2442
4456	K_2TiF_6–TiO_2	81.5	681.0	60
4457	$CrCl_3$–RbCl	8	681.0	838
4458	$CdSO_4$–Na_2SO_4	53.72	681.0	3141
4459	$CdSO_4$–Na_2SO_4	54	681.0	3142
4460	$BaWO_4$–Na_2WO_4	4	681.5 ±1.5	1328
4461	CaF_2–KF–NaF	7–54–39	682.0	481 482 678
4462	KF–K_2CO_3	60	682.0	685
4463	KF–K_2TiO_3–Na_2TiO_3	45–23–32	682.0	393
4464	KCl–$TiCl_3$	85	682.0	775
4465	RbCl–VCl_3	62	682.0	906
4466	K_2NbF_7–LiF	83.5	682.0	3044
4467	LaOCl–$MgCl_2$	20	682.0	3046
4468	$Ca(PO_3)_2$–$CsPO_3$	14	682.0	2784
4469	K_2SO_4–Li_2SO_4–Rb_2SO_4	15–42–43	682.0	2862
4470	K_2CO_3–KF	40	682.0	3184
4471	KF–ZnF_2	76	683.0	672
4472	$BaCl_2$–$CeCl_3$	31	683.0	2447
4473	$Ca(PO_3)_2$–KPO_3	14±1	683.0 ±3	1025
4474	KF–NaF–SiF_4	10.0–49.5–40.5	683.0	3082
4475	LiF–MgF_2–NaF	59–29–12	684.0	528
4476	BaF_2–CaF_2–KF–NaF	21.7–23.4–9.4–45.4	684.0	2112
4477	CrF_3–CsF	2	684.0	2326
4478	LiF–NaCl	43	684.0	1117
4479	KF–KPO_3	77	684.0	1275 1362
4480	$K_2B_4O_7$–KPO_3–K_2SO_4	72–25–3 APP	684.0	2731
4481	AlF_3–Al_2O_3–Na_3AlF_3	37.3–3.2–59.5	684.0	3057
4482	LiF–LiH	15.4	684.1	1901

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
4483	AlF_3–NaF	46.6	685.0	66 493
4484	KF–MgF_2–NaF	59.0–6.5–34.5	685.0	530
4485	AlF_3–CsF	5.5	685.0	688
4486	$DyCl_3$–KCl	15	685.0	1046
4487	KF–K_2CO_3	48	686.0	278 685 729
4488	$GdCl_3$–KCl	8	686.0	1046
4489	Na_2WO_4–$Nd_2(WO_4)_3$	100 APP	686.0	1712
4490	$BaSO_4$–Cs_2SO_4–Li_2SO_4	NA	686.0	2899
4491	$BaCO_3$–Na_2CO_3	37	686.0	3126
4492	$BaCO_3$–Na_2CO_3	40 APP	686.0	3126
4493	$LiBO_2$–Li_2WO_4	15 APP	686.0	3179
4494	KCl–VCl_2	78.5	687.0	222
4495	$CaSO_4$–KCl	18	687.0	370 706
4496	BaF_2–KF–SrF_2	16–69–15	688.0	82
4497	KF–K_2CO_3	47	688.0	729
4498	KF–Na_2MoO_4	84	688.0	377
4499	KF–K_2CO_3	46	688.0	685
4500	$BaCl_2$–$CaSO_4$–NaCl	17.5–26–56.5	688.0	1683
4501	KCl–K_2SO_4	74.6	688.0	1034
4502	Bi_2O_3–PbO–V_2O_5	3.5–64–32.5	688.0	890
4503	Li_2MoO_4–$Li_4P_2O_7$	99.2	688.0	1123 1155
4504	K_3NaF_8–NaF	72.5	688.0	2936
4505	K_2CO_3–KF	54	688.0	3184
4506	$LiBO_2$–LiF	66	688.0	3200
4507	K_3AlF_6–Li_3AlF_6	40.5	690.0	1934
4508	LiF–YbF_3	70	690.0	1312
4509	AlF_3–NaF	46	690.0	2192
4510	AlF_3–NaF	47	690.0	922
4511	$CsMnF_3$–$NaMnF_3$	47	690.0	1798
4512	NaF–ThF_4	63	690.0	148 464
4513	CaF_2–CsF	2.56	690.0	2121 2378
4514	BaF_2–KCl–LiF	3.09–75.26–21.65	690.0	1463
4515	NaF–Na_2CO_3	38.66	690.0	685
4516	NaF–Na_2CO_3	40	690.0	278 729
4517	RbF–Rb_2MoO_4	77	690.0	336
4518	CaCl–$TiCl_3$	66	690.0	21 75
4519	KCl–K_2SO_4	70.9	690.0	1076
4520	KCl–K_2SO_4	76.7	690.0	236 406 694
4521	Fe_2O_3–PbO	(5–10) RANGE	690.0	1422
4522	$K_4P_2O_7$–K_2TiO_3–TiO_2	63.7–11.3–25	690.0	1036
4523	Li_2WO_4–WO_3	80	690.0 APP	1205
4524	$Na_2B_4O_7$–Nd_2O_3	99.7 APP	690.0 APP	1917
4525	Li_2WO_4–$PbSO_4$	88	690.0	136
4526	$K_4P_2O_7$–Li_2MoO_4	1 APP	690.0	2060
4527	K_2CrO_4–$NaBO_2$–$Na_2B_4O_7$	8.9–11.3–79.8	690.0	2528
4528	$CuWO_4$–$Na_2W_2O_7$	40	690.0	851
4529	KCl–K_2TiF_6–NaCl	2.4–58.7–38.9	690.0	2630
4530	B_2O_3–K_2O–P_2O_5	56.0–36.0–8.0	690.0	2704
4531	Fe_2O_3–TeO_2	37 APP	690.0 ±5	2998
4532	Rb_2O–WO_3	MIN.MELT.POINT	690.0	3056
4533	KCl–ThF_4	65	690.0 ±2	2848
4534	Pb_2SiO_4–Pb_2WO_5	70.5	690.0	2914
4535	AlF_3–LiF	37	691.0	214 644 688
4536	KF–ThF_4	69	691.0	148 615
4537	MnF_2–NaF	34	692.0	1451
4538	CaF_2–KCl–LiF	1.26–79.5–19.24	692.0	852
4539	KCl–$ScCl_3$	84	692.0	1232
4540	KCl–$ScCl_3$	85 APP	692.0	2212

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References		
4541	BaI_2–Ba_3N_2	98	692.0	1061		
4542	Cs_2WO_4–$PbWO_4$	59	692.0	1160		
4543	Li_2WO_4–Na_2WO_4–WO_3	4–42–52	692.0	2893		
4544	KCl–$MoCl_3$	90	693.0	3002		
4545	AlF_3–Na_3AlF_6	62.5	693.5 ±.5	181	736	757
4546	KF–Na_3AlF_6–NaF	65.8–3.9–30.3	694.0	1465		
4547	CdF_2–KF	18	694.0	1947	2552	
4548	KF–ThF_4	86	694.0	148	615	
4549	CsCl–$SrCl_2$–$SrSO_4$	16.5–76.1–7.3	694.0	1216		
4550	KCl–K_2SO_4	73.4	694.0	2564		
4551	$Na_2B_4O_7$–NaCl	86.1	694.0	354		
4552	Bi_2O_3–PbO	64	694.0	1109		
4553	AlF_3–Na_3AlF_6	61	694.0	2687		
4554	K_3BeF_5–K_3ZrF_7	78.24	694.5 ±5	1185		
4555	LiF–YF_3	81	695.0	770	1291	
4556	NaCl–$ZrCl_2$	31	695.0 ±1.	1319		
4557	Na_2CO_3–Na_2O	61.3	695.0	2586		
4558	FeS–Na_2S	71.6 APP	695.0	2260		
4559	$CaSO_4$–Li_2SO_4	18.5	695.0	1119		
4560	K_2CO_3–Na_2CO_3	38.5	695.0	1137		
4561	Bi_2O_3–$LiFe_5O_8$	96.5	695.0	3027		
4562	NaF–TbF_3	73	696.0	1401		
4563	$CaCl_2$–KCl–K_2SO_4	45.5–45.4–9	696.0	370		
4564	$BaCO_3$–NaCl	28.2	696.0	345		
4565	B_2O_3–Bi_2O_3	76.5	696.0	1142		
4566	KF·K_2NbF_7–NaF	70	696.0	2722		
4567	LiF–Na_3AlF_6	85±1	696.0 ±1	2780		
4568	KF–K_2TaF_7	30	697.0	1203		
4569	KF–TaF_5	71	697.0	1203		
4570	Li_2O–Na_2O–SiO_2	11.8–27.5–60.7	697.0 ±3	2317		
4571	Li_2O–V_2O_4–V_2O_5	NA	697.0	3014		
4572	K_2TaF_7–LiF	84.5	697.0	3044		
4573	KCl–$ZrCl_2$	46.5	698.0 ±1.	1319		
4574	B_2O_3–Bi_2O_3	73.5	698.0	1142		
4575	K_2SO_4–Li_2SO_4	60	698.0	965		
4576	Na_2WO_4–$SrWO_4$	100 APP	698.0 APP	1945		
4577	NaCl–$RbBO_2$	83	698.0	2702		
4578	BaF_2–NaCl	28 APP	698.0	2772		
4579	CaF_2–KF–SrF_2	7.72–76.54–15.74	699.0	262		
4580	CsF–MgF_2	43	699.0	2203		
4581	K_3AlF_6–Li_3AlF_6	50	700.0	1934		
4582	LiF–Na_3AlF_6	83.5	700.0	313		
4583	AlF_3–NaF	46.3	700.0 ±5	1434		
4584	NaF–ScF_3	62.5	700.0	1169	1169	1797
4585	NaF–ThF_4	63–64	700.0	148		
4586	NaF–YF_3	68	700.0	1171		
4587	BeF_2–KF	18	700.0	310	1179	
4588	MgF_2–RbF	22	700.0	670		
4589	MnF_2–RbF	16	700.0	1451		
4590	KCl–$KMnF_3$	88.5	700.0	2376		
4591	KCl–K_2TaF_7	82.4	700.0	878		
4592	$CrCl_3$–KCl	10.7	700.0	1110		
4593	$CrCl_3$–KCl	11.5	700.0	990		
4594	NaCl–Na_2O	75 APP	700.0	33		
4595	Bi_2O_3–$CoFe_2O_4$	67.5	700.0	2580		
4596	B_2O_3–Rb_2O	68.7	700.0	1991		
4597	PbO–SiO_2	60	700.0 APP	1383		
4598	PbO–SiO_2	76	700.0 APP	1383		

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References		
4599	K_2SO_4–Li_2SO_4	60	700.0	1372		
4600	Na_2SO_4–Rb_2SO_4	75	700.0	1115		
4601	$Li_4P_2O_7$–Na_2MoO_4–$Na_4P_2O_7$	36.6–4.9–58.5	700.0	1123		
4602	$CuWO_4$–$Na_2W_2O_7$	15	700.0	851		
4603	$Gd_2(WO_4)_3$–Na_2WO_4	2–3	700.0 APP	2441		
4604	$La_2(WO_4)_3$–Na_2WO_4	0 APP	700.0 APP	2441		
4605	Na_2WO_4–$Nd_2(WO_4)_3$	100 APP	700.0 APP	2441		
4606	RbCl–$SrMoO_4$	3.5	700.0	3228		
4607	As_2S_3–La_2S_3	30 APP	700.0	2647		
4608	$SrCl_2$–ThF_4	24	700.0 ±2	2925		
4609	KCl–K_2TaF_7	82.4	700.0	2987		
4610	ErF_3–LiF	19.5	700.0	3104		
4611	$BaCl_2$–UCl_3	25	700.0	3087		
4612	B_2O_3–MoO_3–PbO	NA	700.0	2824		
4613	KF–SnF_4	67.9	700.0	2896		
4614	RbF–SmF_3	85 APP	700.0	3146		
4615	K_2WO_4–Na_2CrO_4	25	701.0	2674		
4616	CsF–KF–MnF_2	27–3–70	702.0	1798		
4617	BaF_2–NaCl	22.7	702.0	359		
4618	KBO_2–LiCl	73	702.0	2291		
4619	Na_2SO_4–Rb_2SO_4	75	702.0	2905		
4620	Na_2SO_4–Rb_2SO_4	75	702.0	2909		
4621	CaF_2–Li_3AlF_6	43.5	703.0	2538		
4622	KCl–ThF_4	77	704.0	147		
4623	$InCl_3$–NaCl	39	704.0	397	1193	
4624	Li_2SO_4–Rb_2SO_4	36	704.0	891		
4625	KBO_2–NaCl	21.5	704.0	2702		
4626	NaF–ThF_4	59.	705.0	148	464	
4627	BeF_2–KF	19	705.0 ±5	23		
4628	$CaCl_2$–CsCl	89	705.0	185	2500	
4629	Ga_2O_3–PbO	40	705.0 ±10	2391		
4630	GeO_2–PbO	30	705.0	2490		
4631	$FeMoO_4$–MoO_3	16.3	705.0	1792		
4632	K_2MoO_4–$K_4P_2O_7$–$Li_4P_2O_7$	54–29.2–16.7	705.0	1155		
4633	$Li_2Hf(WO_4)_3$–Li_2WO_4	12.5	705.0	2626		
4634	$CaCl_2$–CsCl	66.7	705.0	2759		
4635	AlF_3–LiF	14.5	706.0	214	644	688
4636	AlF_3–LiF	17	706.0	1171		
4637	CsF–MnF_2	86	706.0	1451		
4638	$BaCl_2$–BaF_2–CaF_2–NaCl	15.1–15.1–.5–69.3	706.0	483		
4639	Cs_2SO_4–Li_2SO_4	66	706.0	891		
4640	K_2MoO_4–$K_4P_2O_7$–$Na_4P_2O_7$	81.5–1.9–16.5	706.0	1122		
4641	$K_4P_2O_7$–Li_2MoO_4	61.3 APP	706.0	2060		
4642	Li_3AlF_6–LiF	7.7	706.0	3041		
4643	GeO_2–PbO	27.3	707.0 ±5	1132		
4644	MoO_3–$ZnMoO_4$	68.4	707.0	1792		
4645	AlF_3–LiF	35	708.0	2516		
4646	CaF_2–CsF–LiF	17.6–15.3–67.1	708.0	2121		
4647	LiF–MgF_2–NaF	62–19–19	708.0	528		
4648	KCl–LiF	80	708.0	852		
4649	$CrCl_3$–KCl	11.2	708.0	1268		
4650	$CaCl_2$–$CaSO_4$	87.5	708.0	370	816	
4651	Cs_2SO_4–Li_2SO_4	69	708.0	2026		
4652	K_2CrO_4–Na_2CrO_4–$Na_4P_2O_7$	19–75.5–5.5	708.0	2150		
4653	$K_4P_2O_7$–$Li_4P_2O_7$–Li_2TiO_3	62.6–11.3–26.1	708.0	1038		
4654	Li_2WO_4–$PbWO_4$	83.5	708.0	136		
4655	GaAs–GaSb	3.0	708.0	2684		
4656	KF–K_2NbF_7	20	708.0	2722		

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
4657	$RbF-Rb_2SiF_6$	91	708.0	2769
4658	$RbF-Rb_2SiF_6$	91	708.0	2746
4659	$B_2O_3-Bi_2O_3$	81	709.0	1142
4660	$Li_2O-Na_2O-SiO_2$	12.2–25.2–62.6	709.0 ±3	2317
4661	AlF_3-LiF	36	710.0	644
4662	BaF_2-CaF_2-LiF	16–17–67	710.0	17
4663	$Li_3AlF_6-Na_3AlF_6$	67.9	710.0	214 288
4664	KF–NaF	59	710.0	1465
4665	KF–NaF	60	710.0	1090
4666	$NaF-PMF_3$	74 APP	710.0 APP	1401
4667	CeF_3-KF	20	710.0	1312
4668	K_2BeF_4-KF	50	710.0	1185
4669	$CsF-MnF_2$	65	710.0	1451
4670	BaF_2-CaF_2-KCl	7–.8–92.2	710.0	876
4671	$BaF_2-LiCl-LiF$	25.8–13.8–60.4	710.0	512
4672	$KCl-KF-K_2TaF_7$	8.7–11.6–79.7	710.0	878
4673	KCl–LiF	81	710.0	907 908
4674	$KF-K_4P_2O_7$	78.7	710.0	895
4675	$Bi_2O_3-PbO-V_2O_5$	13.5–71–15.5	710.0	890
4676	$B_2O_3-Rb_2O$	77.4	710.0	1991
4677	GeO_2-K_2O	61.1	710.0	1960
4678	GeO_2-PbO	27.3 APP	710.0 APP	1245
4679	$K_4P_2O_7-TiO_2$	68.5	710.0	1036
4680	$K_2SO_4-Li_2SO_4$	60	710.0	2129
4681	$Li_4P_2O_7-Na_2MoO_4-Na_4P_2O_7$	29.5–18.2–52.3	710.0	1123
4682	$K_2CO_3-Na_2CO_3$	44 APP	710.0 ±2	1265
4683	$K_2CO_3-K_2Mo_4O_{13}$	88	710.0	1281
4684	$Li_2WO_4-Li_2Zr(WO_4)_3$	90	710.0	2626
4685	AlF_3-LiF	62.8	710.0	2628
4686	Na_2O-NbO_2	88 APP	710.0	2685
4687	$KF-TiF_4$	NA	710.0	3028
4688	MoO_3-ZnO	78	710.0 ±5	2747
4689	$CuWO_4-Li_2WO_4$	20	710.0	2823
4690	$PbO-V_2O_5-WO_3$	83–1–16	710.0	2858
4691	$KF-K_2TiF_6$	35	710.0	3191
4692	$LiBO_2-LiF$	80	710.0	3200
4693	$Na_2B_4O_7-NaCl$	86	710.0	3204
4694	KF–NaF	59.5–60	710.5 ±11.5	8 55 61 62 74 179 299 307 353 377 393 474 481 482 530 678
4695	AlF_3-LiF	15	711.0	2516
4696	$AlF_3-Li_3AlF_6$	39.7	711.0	1135
4697	$CuV_2O_5-V_2O_5$	36	711.0	2785
4698	GdF_3-NaF	25	712.0	1401
4699	$NaF-Na_2TiF_6$	20.6	712.0	761
4700	$BaCl_2-BaF_2-CaF_2-NaF$	27.2–27.2–8.7–37	712.0	919
4701	$KCl-K_2TaF_7$	16	712.0	878
4702	$NaCl-ThF_4$	48	712.0	147
4703	$KF-K_2B_4O_7$	56	712.0	353
4704	$CaCl_2-CaSO_4$	86	712.0	1439
4705	$CaCl_2-Ca_3N_2$	87	712.0	1172
4706	$KCl-K_2TaF_7$	16	712.0	2987
4707	$KF-SnF_4$	82.5	712.0	2896
4708	$K_2B_4O_7-KF$	28 APP	712.0	3180
4709	$Li_3AlF_6-Na_3AlF_6$	61.2	713.0	1135
4710	$Li_3AlF_6-Na_3AlF_6$	65	713.0	2267
4711	CdF_2-RbF	12	713.0	2272 2552
4712	$Li_3VO_4-PbCl_2-Pb_3(VO_4)_2$	40.6–2.3–57	713.0	523

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C		References
4713	Na_3AlF_6–Li_3AlF_6	36	713.0	3061	
4714	AlF_3–NaCl	24.5	714.0	66	493
4715	$NaBO_2$–NaBr	18.5	714.0	2702	
4716	KPO_3–K_2SO_4	89 APP	714.0	2731	
4717	AlF_3–LiF	15	715.0	644	
4718	AlF_3–LiF	35	715.0	922	
4719	AlF_3–LiF–NaF	25–48.8–26.2	715.0	922	
4720	KF–NaF	60	715.0	1243	
4721	K_2BeF_4–K_3YF_6	77 APP	715.0 ±5	2371	
4722	KCl–LiF	80	715.0	46	1059
4723	KBO_2–KCl	15.6	715.0	192	
4724	$Na_2B_4O_7$–Na_2CrO_4	75	715.0	2385	
4725	AlF_3–LiF	34.6	715.0	2628	
4726	CaF_2–Li_3AlF_6	40	715.0	3011	
4727	ThF_4–UCl_3	65	715.0 ±2	2802	
4728	PbO–V_2O_5–WO_3	78–7–15	715.0	2858	
4729	Li_3AlF_6–Na_3AlF_6	67.9	716.0	1402	
4730	KF–NaF	60	716.0	893	
4731	MnF_2–NaF–RbF	64–32–4	716.0	2432	
4732	BaF_2–LiF–NaCl	42.8–25.7–31.4	716.0	1117	
4733	KCl–KBr	40	716.0	888	
4734	K_2CO_3–$K_2W_4O_{13}$	90	716.0	1281	
4735	KF–K_2TaF_7	21.5	717.0	3255	
4736	K_3AlF_6–KCl	8.7	717.0	844	
4737	PbO–RbCl	.35	717.0	7	
4738	EuF_3–NaF	25	718.0	1401	
4739	KF–K_2TaF_7	78	718.0	1203	
4740	CsF–MgF_2	56	718.0	2203	
4741	KF–K_2TaF_7–Ta_2O_5	77.5–20.5–.2	718.0	879	
4742	KF–TaF_5	84.7	718.0	1203	
4743	CsCl–$SrCl_2$	22.2	718.0	2008	
4744	KF–$K_4P_2O_7$	89	718.0	2743	
4745	$CaSO_4$–NaCl	17.6	719.0	1439	
4746	AlF_3–LiF	15	720.0	922	
4747	Cs_3AlF_6–Na_3AlF_6	42	720.0	1292	
4748	K_2BeF_4–K_3ZrF_7	71.85	720.0	1185	
4749	CsCl–$SrCl_2$	19	720.0	1216	
4750	NaCl–$CaSO_4$	81.6	720.0	1069	
4751	KCl–K_3PO_4	85	720.0	687	
4752	$SrCl_2$–Sr_3N_2	87	720.0	1172	
4753	PbO–V_2O_5	67 APP	720.0 APP	1188	
4754	Li_2SO_4–Rb_2SO_4	39	720.0	1703	
4755	$Li_4P_2O_7$–$Na_4P_2O_7$	62	720.0	1123	
4756	$K_4P_2O_7$–Na_2MoO_4	36	720.0	1122	
4757	$BaSiO_3$–$PbSiO_3$	3 APP	720.0 APP	1711	
4758	$FeWO_4$–$Na_2W_2O_7$	10	720.0	851	
4759	$CrCl_2$–$MgCl_2$	50	720.0	2695	
4760	LiCl–ThF_4	26	720.0 ±2	2848	
4761	Na_2SO_4–$PbSO_4$–$PbWO_4$	46–48.5–5.5	720.0	3162	
4762	BaF_2–LiF–SrF_2	17–69–14	721.0	242	
4763	$CoCl_2$–$NiCl_2$	1.4	721.0 APP	1980	
4764	NaF–$Na_4P_2O_7$	94	721.0	2743	
4765	KF–K_2MoO_4	70	722.0	338	443
4766	KF–K_2MoO_4	71	722.0	377	
4767	PbO–WO_3	86.5	722.0	2151	
4768	KF–NaF	60	722.0	2722	
4769	$BaCl_2$–BaF_2–NaCl	14–14–72	723.0	483	
4770	RbF–Rb_2SO_4	36	723.0	391	

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
4771	KBO_2–KCl	27.5	723.0	2291
4772	$Na_2B_4O_7$–SiO_2	36.16	724.0	1298
4773	KF–K_2NbF_7	75	724.0	2722
4774	Cs_3AlF_6–Na_3AlF_6	75	725.0	1292 1717
4775	LaF_3–NaF	29	725.0	1243 1401
4776	NaF–SmF_3	75	725.0	1401
4777	NaCl–$CaSO_4$	79.8	725.0	1070
4778	NaCl–$Na_4P_2O_7$	77.8	725.0	103 458
4779	B_2O_3–Rb_2O	81.4	725.0	1991
4780	CaO–Na_2O–SiO_2	5.6–20.6–73.8	725.0	1088
4781	Cu_2S–FeS–Na_2S	17.6–66.2–16.1	725.0	1052
4782	$CoSO_4$–K_2SO_4	72.41	725.0	636
4783	In_2S_3–Tl_2S	59	725.0 ±5	2766
4784	CeF_3–NaF	28±0.5	726.0 ±5	1802
4785	CsF–LaF_3	66	726.0	1171
4786	RbF–Rb_2SO_4	78	726.0	317 1772
4787	$CaSO_4$–NaCl	17.7	726.0	706
4788	Na_2SO_4–$PbSO_4$	51	726.0	1113
4789	K_2SO_4–$LiBO_2$–Li_2SO_4	31–67–2	726.0	3201
4790	NaF–PuF_3	76±1	727.0 ±3	1802
4791	KF–K_2TaF_7	74.5	727.0	3255
4792	GeO_2–PbO	61.7	727.0 ±5	1132
4793	$CaMoO_4$–MoO_3	19.4	727.0	1792
4794	KF–K_2WO_4	73	728.0	329 443 549
4795	NaCl–$Na_4P_2O_7$	79	728.0	2645
4796	BaF_2–KF	26.5	729.0	2203
4797	BaF_2–KF	27	729.0	8 18 82 475
4798	RbF–Rb_2WO_4	80	729.0	336
4799	LaF_3–NaF	29	730.0	1401
4800	CaF_2–NaCl–Na_3AlF_6	1–87.5–11.5	730.0	497
4801	KF–K_2SiO_3	53	730.0	138
4802	KF–$K_4P_2O_7$	80	730.0	686
4803	Na_2BeF_4–Na_3PO_4	30	730.0	1236
4804	KCl–$TiCl_2$	38	730.0	316
4805	KCl–$LiBO_2$	97.5	730.0	2291
4806	Fe_2O_3–PbO	17.5	730.0	2034
4807	GeO_2–PbO	61.7 APP	730.0 APP	1245
4808	Bi_2S_3–PbS	77	730.0	1724
4809	K_2SO_4–K_2S	27.5	730.0	1075
4810	$BaMoO_4$–KCl	94.2	730.0	3228
4811	$BaMoO_4$–KCl	5.8	730.0	2641
4812	B_2O_3–K_2O–P_2O_5	48.0–45.0–7.0	730.0	2704
4813	KBO_2–K_3PO_4–Li_3PO_4	56–16–28 APP	730.0	2720
4814	CaO–TiO_2–V_2O_5	21.0–17.0–62.0	730.0	2927
4815	B_2O_3–K_2O–WO_3	45–26–29	730.0	2972
4816	BaF_2–FeF_2	58	730.0	3243
4817	Li_2WO_4–$LiYb(WO_4)_2$	97.5	730.0	2866
4818	K_2SO_4–$LiBO_2$	29	730.0	3201
4819	NaBr–NaCl	72	731.0	839
4820	NaBr–NaCl	62 SER SOLID SOL	731.0	2771
4821	NaF–NdF_3	74	732.0	1401
4822	KF–K_2CrO_4	70	732.0	336
4823	KF–K_2CrO_4	77	732.0	336 704
4824	$K_4P_2O_7$–NaF	32.7	732.0	827
4825	Cs_2O–WO_3	MIN.MELT.POINT	732.0	3056
4826	$CaCl_2$–CaO–LaOCl	92.5–6.0–1.5	732.0	2752
4827	ErF_3–RbF	12 APP	732.0	3146
4828	NaF–PrF_3	78	733.0	1401

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References			
4829	Na_3AlF_6–NaCl	11	733.0	844			
4830	GeO_2–PbO	20	733.0	2490			
4831	Cs_3AlF_6–Na_3AlF_6	41	734.0	1717			
4832	NaCl–Na_3AlF_6	88.6	734.0	736			
4833	Na_3AlF_6–NaCl	11	734.0	1165			
4834	NaF–Rb_2SO_4	58	734.0	317			
4835	NaF–$Na_4P_2O_7$	51	734.0	427			
4836	NaF–$Na_4P_2O_7$	65.8	734.0	895			
4837	KBr–KCl	60	734.0	238	651		
4838	$BaCl_2$–$BaCO_3$	53	734.0	345			
4839	$BaCO_3$–NaCl	47	734.0	3126			
4840	LiF–MgF_2	64	735.0	150	203	242	528
4841	$BaBr_2$–$CaCl_2$	(50–70) RANGE	735.0	1918			
4842	KCl–$K_4P_2O_7$	85	735.0	687			
4843	Na_2O–SiO_2–ZnO	30–58.8–11.2	735.0 ±10	1838			
4844	Li_2SO_4–$Sc_2(SO_4)_3$	95	735.0	2610			
4845	BaF_2–MnF_2	55 APP	735.0	2665			
4846	CeF_3–LiF	15.6 APP	735.0	2693			
4847	NaOH–Na_2S	37	735.0	2967			
4848	$In_2(WO_4)_3$–Li_2WO_4	4	735.0	2984			
4849	K_2BeF_4–K_3HoF_6	77.5	735.0	3026			
4850	$Ca_2P_2O_7$–$Na_4P_2O_7$–Na_2SO_4	3–29–68	736.0	1114			
4851	K_2MoO_4–$Na_4P_2O_7$	77.7	736.0	1122			
4852	Li_3VO_4–$Pb_3(VO_4)_2$	NA	736.0	3158			
4853	NaCl–Na_3AlF_6	89	737.0	497			
4854	GeO_2–PbO	60	737.0	2490			
4855	$NaBO_2$–$Na_2B_4O_7$	14	737.0	2294	2385		
4856	Na_3AlF_6–NaCl	11	737.0	2781			
4857	BaF_2–CaF_2–NaF	25–26–49	738.0	18			
4858	MnF_2–NaF	66	738.0	1451			
4859	NaCl–$SrSO_4$	86.4	738.0	1069			
4860	$CaCl_2$–$CaMoO_4$	88.5	738.0	2570			
4861	$K_2B_4O_7$–KCl	49.8	738.0	462			
4862	KCl–$K_4P_2O_7$	89	738.0	2645			
4863	$K_2B_4O_7$–KCl	50 APP	738.0	3180			
4864	$LiBO_2$–Li_2SO_4	47 APP	738.0	3201			
4865	BaF_2–KCl	7.5	739.0	359	876		
4866	K_2O–SiO_2	23.5 APP	739.0 APP	1330			
4867	CaF_2–LiF–SrF_2	13–73–14	740.0	752			
4868	AlF_3–RbF	7	740.0	1171			
4869	CsF–Cs_2MoO_4	47.	740.0	336			
4870	CaO–P_2O_5	37 APP	740.0 APP	2100			
4871	GeO_2–PbO	41.6 APP	740.0 APP	1245			
4872	GeO_2–PbO	41.5	740.0 ±5	1132			
4873	GaS–Ga_2S_3	47.5	740.0	1391			
4874	Na_2S–Na_2SO_4	34.8	740.0	1420			
4875	Na_2SO_4–Rb_2SO_4	80	740.0	1043	5637		
4876	KBO_2–KPO_3–K_2SO_4	68–20–12	740.0	2504			
4877	K_2CrO_4–$K_4P_2O_7$	66.6	740.0	2150			
4878	$CaCrO_4$–Na_2CrO_4	48.4	740.0	396	1093		
4879	KCl–$SrMoO_4$	3.2	740.0	3228			
4880	$LiBO_2$–NaCl	55	740.0	2702			
4881	MoO_3–UO_3	92	740.0	2973			
4882	KF–TiF_4	NA	740.0	3028			
4883	Rb_2MoO_4–$Sm_2(MoO_4)_3$	80	740.0	2846			
4884	KF–ThF_4	34	741.0	148	615		
4885	NaCl–$BaSO_4$	88.9	741.0	1069			
4886	LiF–MgF_2	67	742.0	528			

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References					
4887	$LiF-MgF_2$	71	742.0	150	203	242	528		
4888	$CsF-Cs_2CrO_4$	44.	742.0	336					
4889	$KF-KPO_3$	80	742.0	686					
4890	$KBO_2-Li_3PO_4$	29 APP	742.0	2720					
4891	Cs_2CrO_4-CsF	56	742.0	3176					
4892	$LiF-MgF_2$	71	743.0	203					
4893	$LiF-PuF_3$	80.5	743.0 ±2	756					
4894	$KF-MnF_2$	83	743.0	1451					
4895	$Li_2WO_4-WO_3$	45	743.0 APP	1205					
4896	$LiF-YF_3$	82	744.0	1171					
4897	$KF-SrF_2$	78	744.0	82	262	474	2203		
4898	$KF-SrF_2$	78.1	744.0	1090					
4899	$K_2MoO_4-Na_4P_2O_7$	58.1	744.0	1122					
4900	$K_4P_2O_7-K_2TiO_3-Li_2TiO_3$	.25–89.2–10.5	744.0	1038					
4901	MoO_3-PbO	14	744.0	2655					
4902	BaF_2-BaWO_4-NaF	25–19–56	744.0 APP	2881					
4903	$NaF-Na_2ZrF_6$	67	745.0	1688					
4904	$NaF-ZrF_4$	80	745.0	1175	1258				
4905	$BaF_2-B_2O_3-LiF$	19.5–14.7–65.8	745.0	1360					
4906	$KF-K_2MoO_4$	43	745.0	338	377	443			
4907	$KF-K_2MoO_4$	44	745.0	377					
4908	Rb_2O-SiO_2	43.5	745.0	892					
4909	$MgMoO_4-MoO_3$	19.5	745.0	2688					
4910	$Na_2SO_4-PbSO_4$	53	745.0	3162					
4911	$NaF-Na_2SO_4$	30	746.0	278	317				
4912	$BaF_2-LiF-Li_2SiO_3$	27.–62.–9.	746.0	362					
4913	$BaF_2-LiF-Li_2SiO_3$	39.–35.–26.	746.0	362					
4914	$Li_2SO_4-SrSO_4$	NA	746.0	3130					
4915	$NaF-ZrF_4$	80	747.0	4	24	153	155	429	467
4916	$NaF-Na_2SO_4$	29	747.0	317					
4917	$PuCl_3-PuOCl$	92±0.5	747.0 ±2	1426					
4918	$CsCl-ThF_4$	20	747.0 ±2	2839					
4919	$BaF_2-LiF-MgF_2$	46–29–25	748.0	207					
4920	$KF-ZnF_2$	20	748.0	672					
4921	$Na_3AlF_6-Na_3FeF_6$	16	748.0	2885					
4922	$KF-K_2MoO_4$	40	749.0	336					
4923	LaF_3-LiF	14	750.0	1222					
4924	$NaF-ThF_4$	46.5	750.0	148	464				
4925	$KF-YF_3$	57	750.0	1311					
4926	$BaF_2-LiF-Li_2SiO_3$	32.–51.–17.	750.0	362					
4927	$BeO-Li_2O$	78.5	750.0 APP	2003					
4928	Na_2O-SiO_2-ZnO	17.7–64.8–17.5	750.0 ±10	1838					
4929	$PbO-V_2O_5$	84 APP	750.0 APP	1188					
4930	$NiFe_2O_4-Pb_2P_2O_7$	10	750.0	1481					
4931	$K_2SO_4-MgSO_4$	64.5	750.0	2087					
4932	$PbMoO_4-Rb_2MoO_4$	37	750.0	1160					
4933	$GaSe-Ga_2Te_3$	37	750.0	1299					
4934	$Ga_2Se_3-Ga_2Te_3$	35 APP	750.0 APP	1719					
4935	$CaMoO_4-KCl$	96.9	750.0	3228					
4936	$BaMoO_4-NaCl$	92.9	750.0	3228					
4937	$BaMoO_4-NaCl$	7.1	750.0	2641					
4938	$PbO-PdO$	95	750.0	2663					
4939	$NaBO_2-NaCl$	31.5	750.0	2702					
4940	$KF-ThF_4$	67	750.0	3165					
4941	$RbF-YF_3$	91	752.0	1171					
4942	$CsF-Cs_2WO_4$	43.	752.0	336					
4943	$KF-K_2TiO_3$	58	752.0	300					
4944	$Na_2CrO_4-Na_4P_2O_7$	93.3	752.0	2150	2258				

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References					
4945	$NaBO_2$–Na_2CrO_4	26.1	752.0	2385					
4946	$SrCl_2$–SrF_2	87	753.0	411	519				
4947	CeF_3–CsF	33	754.0	1312					
4948	CaF_2–KCl	.9	754.0	876					
4949	CaF_2–KCl	1.26	754.0	852					
4950	Li_2SO_4–$PbWO_4$	94.5	754.0	136					
4951	NaF–ZrF_4	81	755.0	4	24	153	155	429	467
4952	ErF_3–KF	14 ±2.	755.0 ±10.	2215					
4953	RbF–ScF_3	5	755.0	1797					
4954	RbF–VF_3	96.5	755.0	2382					
4955	PbO–V_2O_5	94 APP	755.0 APP	1188					
4956	K_3HfF_7–NaF–Na_3HfF_7	14.3–42.8–42.8	756.0	1684					
4957	KF–YF_3	88	756.0	1171					
4958	RbF–Rb_2MoO_4	41	756.0	336					
4959	LaF_3–LiF	16.5	756.0 ±1	2693					
4960	ErF_3–KF	15 APP	756.0	3146					
4961	$CaCl_2$–CaO	94	757.0	703					
4962	RbCl–UCl_3	84.5	757.0	2831					
4963	KF–K_2CrO_4	47	758.0	336	704				
4964	KF–K_2TiO_3	58	758.0	393					
4965	$CaWO_4$–KCl	2.3	758.0	1219					
4966	RbBr–$TiBr_2$	35	758.0	837					
4967	KF–SmF_3	83 APP	758.0	3146					
4968	CaF_2–KF–NaF	29–16–55	759.0	481	482				
4969	$KMnF_3$–$NaMnF_3$	95	759.0	2376					
4970	BaF_2–LiF	19	760.0	8	17	242	362	475	
4971	CaF_2–LiF	22 APP	760.0 ±5	17	203	294	361	421	422
4972	K_3AlF_6–Li_3AlF_6	71	760.0	1934					
4973	KF–YF_3	87	760.0	1311					
4974	CaF_2–RbF	10	760.0	1918					
4975	BaF_2–BeF_2	22 APP	760.0 APP	699					
4976	BaF_2–Li_2SiO_3	51.5	760.0	362					
4977	KF–K_2WO_4	44	760.0	329	443	549			
4978	Bi_2O_3–$CoFe_2O_4$	86.5	760.0	1452					
4979	PbO–PbSe	80	760.0 ±10	898					
4980	K_2MoO_4–K_2TiO_3–$PbTiO_3$	4–69–27	760.0	1144					
4981	$PbWO_4$–Rb_2WO_4	36	760.0	1160					
4982	GaSe–Ga_2Te_3	62	760.0	1299					
4983	Cs_2MoO_4–$CsNd(MoO_4)_2$	82	760.0	2701					
4984	KCl–UF_4	14	760.0	3000					
4985	Cs_3AlF_6–Rb_3PrF_6	20	760.0	2753					
4986	$BaSO_4$–Li_2SO_4	NA	760.0	3130					
4987	LiF–SrF_2	80	761.0	242	411				
4988	HfF_4–NaF	20.5	762.0	2022					
4989	HfF_4–NaF	21	762.0	1828					
4990	NaF–Na_3HfF_7	45.8	762.0	1684					
4991	$SrCl_2$–$SrSO_4$	86	762.0	758					
4992	K_2O–SiO_2	20 APP	762.0 APP	1330					
4993	MoO_3–PbO	11.7	762.0	1109					
4994	RbF–ThF_4	63	762.0	3165					
4995	RbCl–$TiCl_2$	65	763.0	31					
4996	CsF–Cs_2SiF_6	25 APP	763.0	2769					
4997	CsF–Cs_2SiF_6	27	763.0	2746					
4998	KF–YF_3	58.5	764.0	1171					
4999	KF–K_2CrO_4	47	764.0	336	704				
5000	BaF_2–LiF	16.5	765.0	2203					
5001	BaF_2–LiF	18.3	765.0	1117					
5002	K_3HfF_7–NaF	29	765.0	1684					

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References				
5003	$KF-ZrF_4$	87 APP	765.0 APP	968				
5004	$K_4P_2O_7-Li_4P_2O_7-Li_2TiO_3$	59.4–1.2–39.4	765.0	1038				
5005	$Cu_3As-GaAs$	78	765.0	1382				
5006	$Ga_2S_3-Ga_2Te_3$	38	765.0	1340				
5007	CaF_2-LiF	20.5	766.0	852				
5008	HfF_4-KF	13	766.0	2022				
5009	$KF-K_2ZrF_6$	82.7 APP	766.0	1202				
5010	$KF-K_2ZrF_6$	83	766.0	962	1680			
5011	$KF-K_2HfF_7$	78.9	766.0	1684				
5012	$KF-ZrF_4$	87.3	766.0	962				
5013	$KF-ZrF_4$	94.6	766.0	769				
5014	$KF-K_3PO_4$	80	766.0	686				
5015	$CaCl_2-CaSiO_3$	99	766.0	62				
5016	$KF-K_3PO_4$	82	767.0	2261				
5017	$K_2MoO_4-Na_2MoO_4-Na_4P_2O_7$	70.6–23.5–5.9	767.0	1122				
5018	$KCl-K_2TiO_3-TiO_2$	99–0.5–0.5	768.0	1375				
5019	$BeSO_4-K_2SO_4$	33	768.0	3127				
5020	$RbF-Rb_2WO_4$	43	769.0	336				
5021	$KF-K_2SiF_6$	82	769.0	3082				
5022	LaF_3-LiF	21	770.0	982				
5023	$BeF_2-KF-LaF_3$	32.7–65.3–2	770.0	23				
5024	$CsMnF_3-KMnF_3$	90	770.0	1798				
5025	$KF-RbF$	28	770.0 ±10.	1918				
5026	CaF_2-KCl	1.3	770.0	359				
5027	CaF_2-NaCl	3.9	770.0	359				
5028	CaF_2-NaCl	4.7	770.0	830				
5029	$B_2O_3-K_2O$	44.8	770.0	1407	1408			
5030	La_2O_3-PbO	8 APP	770.0	1423				
5031	Rb_2O-SiO_2	15.8	770.0	892				
5032	$Na_2CrO_4-Na_2SiO_3$	87.1	770.0	1084				
5033	$K_2MoO_4-PbMoO_4$	69	770.0	1144				
5034	$PbMoO_4-Rb_2MoO_4$	58	770.0	1160				
5035	Li_2O-Na_2O	24	770.0	2872				
5036	$CaCO_3-Na_2CO_3-Na_2SO_4$	37.5–46.5–16	770.0	2894				
5037	$Na_2CrO_4-Na_2SiO_3$	NA	770.0	3207				
5038	$B_2O_3-K_2O$	68.7 APP	771.0 APP	3260				
5039	$NaF-Na_2SO_4$	64	772.0	278	317			
5040	$Li_3PO_4-NaBO_2$	20 APP	772.0	2721				
5041	$K_2TiO_3-Na_2TiO_3$	82	773.0	1078				
5042	$B_2O_3-K_2O$	61.4 APP	774.0 APP	3260				
5043	ErF_3-KF	40 ±2	775.0 ±10.	2215				
5044	$CsF-ThF_4$	60	775.0	509				
5045	$CaSO_4-Cs_2SO_4$	36	775.0	1119				
5046	$BaCl_2-BaF_2-CaF_2$	76–6.5–17.5	776.0	360	814			
5047	$KF-K_2SO_4$	83	776.0	278	368	549		
5048	$KF-KPO_3$	62	776.0	1362				
5049	$KF-KPO_3$	66	776.0	1275				
5050	$LiF-Li_4P_2O_7$	93	776.0	427				
5051	$BaF_2-CaF_2-MgF_2$	52–21–27	777.0	9				
5052	$KF-MgF_2$	85	778.0	530	536	670		
5053	GeO_2-Na_2O	65	778.0	820	1960			
5054	$KBO_2-K_2B_{407}$	48.5	778.0	2294				
5055	$NaF-Na_2SO_4$	61	779.0	278				
5056	CaF_2-NaCl	4.5	779.5	2779				
5057	CaF_2-KF	13.6	780.0	848				
5058	CaF_2-KF	24	780.0	18	262	481	482	678	815
5059	$RbF-Rb_2Ti_2O_5$	93	780.0	722				
5060	$CrCl_3-KCl$	46	780.0	990				

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References					
5061	$LiCl-NiSO_4$	56.1	780.0	369					
5062	K_2O-SiO_2	42.5 APP	780.0 APP	1330					
5063	MoO_3-UO_2	98.5 APP	780.0	2163					
5064	$B_2O_3-K_2O$	40	780.0	2704					
5065	$NaF-PrF_3$	SER SOLID SOL	780.0 APP	3146					
5066	$NaF-PrF_3$	SER SOLID SOL	780.0	3146					
5067	$K_2SO_4-K_2WO_4-PbWO_4$	9–48.5–32.5	780.0	3154					
5068	MgF_2-RbF	35	781.0	670					
5069	CaF_2-KF	15.4	782.0	18	262	481	482	678	815
5070	$CrCl_3-KCl$	46.7	782.0	1268					
5071	$CaMoO_4-NaCl$	97.5	782.0	3228					
5072	$NaCl-SrMoO_4$	4.4	782.0	3228					
5073	$B_2O_3-K_2O$	24	782.0	2704					
5074	$KF-K_2SO_4$	84	783.0	368					
5075	$CrCl_3-KCl$	34.3	783.0	990					
5076	$K_2B_4O_7-K_2SO_4$	94	783.0	2731					
5077	$CsF-PrF_3$	60 APP	783.0	3146					
5078	$KCl-K_2TiO_3-TiO_2$	9.5–88.5–1.9	784.0	1375					
5079	$PbWO_4-Rb_2WO_4$	51.5	784.0	1160					
5080	$Ba(PO_3)_2-Cd(PO_3)_2$	72.5	784.0	2650					
5081	$Cs_3AlF_6-K_3AlF_6$	79	785.0	1292					
5082	$CrCl_3-KCl$	34.2	785.0	1268					
5083	$Bi_2O_3-Fe_2O_3$	89	785.0	1414					
5084	GeO_2-Na_2O	66.6	785.0	821					
5085	$Er_2(WO_4)_3-Rb_2WO_4$	28	785.0	2867					
5086	$Cd(PO_3)_2-Zn(PO_3)_2$	25	786.0 ±5	959					
5087	$K_2TiO_3-PbTiO_3$	81	786.0	1144					
5088	$K_2SO_4-K_2WO_4-PbWO_4$	25–32–43	786.0	3154					
5089	$K_2SO_4-PbSO_4-PbWO_4$	51.5–41–7.5	786.0	3154					
5090	$B_2O_3-K_2O$	53.1	787.0	1407	1408				
5091	CrO_3-PbO	19.4	787.0	2268					
5092	$Ba(PO_3)_2-Cd(PO_3)_2$	23.5	787.0	2650					
5093	$KF-K_2SO_4$	83	788.0	549					
5094	GeO_2-K_2O	68.2	789.0	1960					
5095	GeO_2-Na_2O	68.4	789.0	820	1960				
5096	Na_2O-SiO_2	25.2	789.0 ±1	2317					
5097	$Na_2CrO_4-Na_2SO_4$	89 SER SOLID SOL	789.0	2727					
5098	AlF_3-RbF	6.5	790.0	688					
5099	$KCl-K_2TiO_3$	4	790.0	1375					
5100	$NaCl-Na_2TiO_3-TiO_2$	98–1–1	790.0	1459					
5101	$Bi_2O_3-MoO_3-PbO$	14.5–32.5–53	790.0	1109					
5102	GeO_2-Na_2O	64	790.0 ±10	974					
5103	$CdWO_4-PbO$	10	790.0	2151					
5104	$K_4P_2O_7-K_2TiO_3-TiO_2$	1.3–96.1–2.6	790.0	1036					
5105	$K_4P_2O_7-K_2TiO_3-TiO_2$	1.4–90.7–7.9	790.0	1036					
5106	$Na_2SO_4-Na_2U_2O_7$	74.8 APP	790.0 APP	2407					
5107	$Na_2SO_4-U_3O_8$	85.6 APP	790.0 APP	2407					
5108	$Ba(BO_2)_2-Cd(BO_2)_2$	17 APP	790.0	860					
5109	$RbSc(SO_4)_2-Sc_2SO_4$	30	790.0	3051					
5110	$BaCl_2-CaF_2$	77	791.0	830					
5111	$BaCl_2-CaF_2$	78	791.0	360					
5112	$K_2TiO_3-Na_2TiO_3$	82	792.0	1220					
5113	$K_2SO_4-PbSO_4$	55	792.0	3127					
5114	$K_2WO_4-PbWO_4$	67	792.0	3154					
5115	$CsF-Cs_2SO_4$	46	793.0	391					
5116	Na_2O-SiO_2	25.5	793.0	2316					
5117	$K_2SO_4-K_2WO_4$	NA	793.0	3154					
5118	$NaF-ScF_3$	72	794.0	1194					

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
5119	Na_3AlF_6–Na_2SO_4	9.9	794.0 ±5	3259
5120	NaCl–Na_2TiO_3	99	794.0	1459
5121	K_2O–Nb_2O_5	89.4	794.0	1977
5122	$CrCl_3$–KCl	46.4	795.0	1110
5123	Bi_2O_3–$NiFe_2O_3$	91	795.0	1452
5124	$MgFe_2O_4$–PbO	8	795.0	960
5125	$CaCO_3$–Na_2CO_3–Na_2SO_4	38–38–24	795.0	2894
5126	CsF–ScF_3	67.5	796.0	1797
5127	$CaWO_4$–NaCl	1.5	796.0	1219
5128	NaCl–Na_2TiO_3	99.5	796.0	194
5129	NaCl–PbO	99.6	796.0	7
5130	KF–NiF_2	90.8	797.0	398
5131	CsF–ThF_4	47	797.0	509
5132	Bi_2O_3–TiO_2	97.5	797.0	877
5133	KF–MgF_2–NaF	15–22.5–62.5	798.0	530
5134	Na_3AlF_6–Rb_3AlF_6	60	798.0	1717
5135	Na_3AlF_6–Rb_3AlF_6	61	798.0	1292
5136	CsF–ScF_3	67	798.0	1310
5137	Na_3AlF_6–Na_2SO_4	9	798.0	318
5138	B_2O_3–LiF	33.3	798.0	1360
5139	CsCl–$TiCl_2$	32	798.0	31
5140	$Na_2Si_2O_5$–SiO_2	27.8	799.0 ±3	1314
5141	NaF–ScF_3	83	800.0	1906
5142	BaF_2–CaF_2–MgF_2	50.5–22.8–26.6	800.0	2445
5143	LiF–Li_3PO_4	93	800.0	2261
5144	$CaCl_2$–CaO	(70–77.5)	800.0	703
5145	Bi_2O_3–MoO_3	98.5 APP	800.0	1832
5146	Fe_2O_3–$NaPO_3$	15	800.0	2196
5147	$RbSc(SO_4)_2$–Rb_2SO_4	20	800.0	3051
5148	$Pr_2(WO_4)_3$–Rb_2WO_4	15 APP	800.0	2867
5149	Cs_2WO_4–$Pr_2(WO_4)_3$	88 APP	800.0	2867
5150	K_2MoO_4–$PbMoO_4$	37	802.0	1144
5151	K_2MoO_4–K_2TiO_3–$PbTiO_3$	3.5–59–37.5	802.0	1144
5152	$CrCl_3$–RbCl	49.9	803.0	2259
5153	Cr_2O_3–K_2CO_3	20	803.0	1461
5154	K_2SO_4–$Sc_2(SO_4)_3$	85	803.0	3051
5155	$KSc_3(SO_4)_5$–K_2SO_4	15	803.0	3051
5156	BaF_2–NaF–SrF_2	21–61–18	804.0	82
5157	CaF_2–NaF–SrF_2	24–65–11	804.0	262
5158	$BaBr_2$–BaF_2	10	805.0	1918
5159	ZnF_2–ZnS	89 APP	805.0 ±3.	938
5160	$CrCl_3$–CsCl	53	805.0	838
5161	Cu_2O–P_2O_5	58	805.0	2454
5162	K_3PO_4–Li_3PO_4	47	805.0	2720
5163	Cs_2WO_4–$Er_2(WO_4)_3$	88 APP	805.0	2867
5164	$BaCl_2$–Ba_3N_2	77	806.0	1061
5165	CrO_3–PbO	10	807.0	2268
5166	Na_2MoO_4–$Na_4P_2O_7$	63	807.0	1122
5167	LaF_3–NaF	27	808.0	1171
5168	CrF_3–CsF	39	808.0	2326
5169	$CrCl_3$–RbCl	30.7	808.0	2259
5170	K_2WO_4–$Nd(WO_4)_3$	87 APP	808.0	2977
5171	KBO_2–K_2WO_4	67 APP	808.0	3179
5172	CaF_2–NaF	32.5	810.0	18 55 170 206 256 262 421 481 482 678
5173	K_3AlF_6–KF	10	810.0	1465
5174	CdO–PbO	14	810.0	2151
5175	$BaCl_2$–ThF_4	50	810.0 ±2	2925

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References					
5176	$Er_2(WO_4)_3$–K_2WO_4	13 APP	810.0	2977					
5177	Cs_2WO_4–$Tb_2(WO_4)_3$	91 APP	810.0	2867					
5178	$BaCl_2$–$BaCO_3$–$BaTiO_3$	79.5–11.25–9.25	811.0	178					
5179	$BaTiO_3$–$NaVO_3$	1.26	811.0	723					
5180	BaF_2–NaF	37	812.0	8	18	82	170	277	475
5181	MnF_2–RbF	81	812.0	1451					
5182	Na_2CO_3–Na_2SO_4	66.7	812.0	1035					
5183	BaF_2–NaF	37	812.0	2772					
5184	K_2SO_4–Na_2SO_4–$SrSO_4$	25–45–30	813.0	3035					
5185	$Bi_2(WO_4)_3$–$PbWO_4$	73	813.0	3134					
5186	KF–MnF_2	16	814.0	1451					
5187	$BaTiO_3$–KF	1.8	814.0	723					
5188	$BaCl_2$–$BaCO_3$	76	814.0	345					
5189	$BaCO_3$–NaCl	24	814.0	3126					
5190	K_3HfF_7–Na_3HfF_7	35	815.0	1684					
5191	K_2TiO_3–$PbTiO_3$	61	815.0	1144					
5192	Cu_2S–GeS_2	5	815.0	2996					
5193	MgF_2–NaF	25	816.0	528	530				
5194	KF–ScF_3	93	816.0	1169					
5195	$CrCl_3$–CsCl	29	816.0	838					
5196	Rb_2O–V_2O_5	92	816.0	1134					
5197	K_2TiO_3–TiO_2	93.9	817.0	1036					
5198	CaF_2–NaF	31.6	818.0	848	2378				
5199	CaF_2–NaF	32	818.0	18	262	481	482		
5200	CaF_2–NaF	34	818.0	206	421	678			
5201	$LaCl_3$–LaOCl	98.7	818.0	1190					
5202	NaF–ScF_3	82	820.0	1169	1169	1797			
5203	AlF_3–KF	7	820.0	1171					
5204	$MgCl_2$–Na_3AlF_6	28	820.0	2002					
5205	$MgCl_2$–Na_3AlF_6	39.7	820.0	2002					
5206	RbF–$Rb_2Ti_2O_5$	30	820.0	722					
5207	$LaCl_3$–LaOCl	73	820.0	1903					
5208	K_2TiO_3–TiO_2	88	820.0	1375					
5209	$PbCrO_4$–PbO	47	820.0	2268					
5210	$BaCl_2$–ThF_4	13	820.0 ±2	2925					
5211	RbF–Rb_2SiF_6	30	820.0	2769					
5212	RbF–Rb_2SiF_6	30	820.0	2746					
5213	BaF_2–NaF	37	820.0	2881					
5214	$CrCl_3$–RbCl	49.8	821.0	838					
5215	K_2TiO_3–TiO_2	98	822.0	1036					
5216	$Ca(OH)_2$–Ca_2SiO_4	94	822.0	1097					
5217	K_2MoO_4–$K_4P_2O_7$	52.9	822.0	521					
5218	K_2CO_3–K_2S	40	822.0 ±3	2796					
5219	K_2TiO_3–TiO_2	98	823.0	1375					
5220	K_2SO_4–$Sc_2(SO_4)_3$	50	823.0	3051					
5221	$KSc_3(SO_4)_5$–K_2SO_4	50	823.0	3051					
5222	K_2SO_4–Na_2SO_4	18 SER SOLID SOL	823.0	3148					
5223	CsF–$Cs_2Ti_2O_5$	35.	825.0	722					
5224	KF–K_2TiO_5	77	825.0	722					
5225	$SrCl_2$–SrO	95	825.0	708					
5226	PbO–$PbSO_4$	89	825.0	979					
5227	BaF_2–NaF	42	825.0	2772					
5228	Cu_3As–Cu_2S	93.5	825.0	2910					
5229	Bi_2O_3–TiO_2	90	826.0	877					
5230	K_2TiO_3–TiO_2	89.8	826.0	1036					
5231	Na_2SiO_3–Na_2TiO_3–TiO_2	29.3–55.7–14.9	826.0	1037					
5232	Na_2CO_3–Na_2SO_4	62	826.0	1032					
5233	K_2WO_4–$PbWO_4$	41	826.0	3154					

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C		References
5234	$LiBO_2$–Li_3PO_4	99 APP	827.0	2720	
5235	RbF–VF_3	60.5	828.0	2382	
5236	AlF_3–CaF_2	37.5	828.0	1326	
5237	$BaBr_2$–Ba_3N_2	80	828.0	1061	
5238	MgF_2–NaF	25	830.0	528	
5239	CrF_2–CrF_3	70	830.0	3	
5240	NaF–Na_3PO_4	71	830.0	2261	
5241	Bi_2O_3–GeO_2	NA	830.0	947	
5242	PbO–$PbSO_4$	92	830.0	1254	1255
5243	PbO–$PbTeO_3$	85	830.0	2067	
5244	K_2SO_4–Na_2SO_4	20 APP	830.0	212	
5245	K_2SO_4–Na_2SO_4	17.8 APP	830.0 APP	2009	
5246	$Ba(PO_3)_2$–$Ca(PO_3)_2$	77.5	830.0	2650	
5247	B_2O_3–K_2O–WO_3	5–34–61	830.0	2972	
5248	$La_2(MoO_4)_3$–Rb_2MoO_4	20	830.0	2846	
5249	$CrCl_3$–RbCl	30.7	832.0	838	
5250	K_2SO_4–Na_2SO_4	25	832.0	871	
5251	$Ca(PO_3)_2$–KPO_3	65±.5	832.0 ±2	1025	
5252	$BaTiO_3$–KF	2.1	833.0	1902	
5253	BaF_2–Na_3AlF_6	66.7	835.0	735	
5254	Bi_2O_3–TiO_2	97	835.0	1228	
5255	Na_2O–TiO_2	54.5	835.0	2944	
5256	FeS–PbS	52	835.0	3005	
5257	AlF_3–NaF	14	836.0	1300	
5258	$K_4P_2O_7$–K_2WO_4	24.4	836.0	521	
5259	$Ca(BO_2)_2$–$Cd(BO_2)_2$	25	836.0	860	
5260	AlF_3–KF	7.5	837.0	688	
5261	Na_2O–SiO_2	36.9	837.0 ±1	2317	
5262	$PbCrO_4$–$PbWO_4$	41	837.0	3213	
5263	CsF–ThF_4	69.5	838.0	509	
5264	KBO_2–$NaBO_2$	46	838.0	2294	
5265	KF–Na_3AlF_6–NaF	27.7–31.5–40.7	840.0	1465	
5266	AlF_3–KF	6	840.0	644	
5267	$BaCl_2$–BaF_2	85	840.0	277	
5268	K_3AlF_6–Na_3AlF_6–NaCl	9.2–21.9–68.9	840.0	1168	
5269	LiF–Li_2SiO_3	97.5	840.0	362	
5270	Na_2CO_3–TiO_2	97	840.0	1988	
5271	PbO–$PbTeO_3$	70	840.0	2067	
5272	FeF_2–FeF_3	50	840.0	3243	
5273	KF–K_2SiF_6	34	840.0	3082	
5274	K_2MoO_4–$La_2(MoO_4)$	87.5	840.0	2797	
5275	K_2SO_4–$PbSO_4$–$PbWO_4$	22.5–63–14.5	840.0	3154	
5276	RbF–Rb_2SO_4	27	842.0	317	3256
5277	CaF_2–UF_4	5.5	843.0	2156	
5278	CsBr–$TiBr_2$	35	843.0	837	
5279	Na_3AlF_6–Rb_3AlF_6	22	844.0	1717	
5280	Na_3AlF_6–Rb_3AlF_6	24	844.0	1292	
5281	KF–$PbTiO_3$	94	845.0	516	
5282	K_2O–Nb_2O_5	66.5	845.0	1977	
5283	$CaSO_4$–Rb_2SO_4	39	845.0	1119	
5284	Li_2SiO_3–Na_2SiO_3	45.9	845.0	2317	
5285	$PbMoO_4$–$ZnMoO_4$	38	845.0	2611	
5286	Na_2O–SiO_2	37.2	846.0	2316	
5287	Cs_2SO_4–$SrSO_4$	67.5	846.0	1216	
5288	$BaCl_2$–BaF_2	85	846.0	2772	
5289	K_2SO_4–K_2WO_4	NA	846.0	3154	
5290	RbF–Rb_2SO_4	43	847.0	317	391
5291	$BaCl_2$–$SrCl_2$	30	847.0	2443	

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References				
5292	$RbF-ThF_4$	46	848.0	3165				
5293	$KBO_2-K_2SO_4$	73 APP	848.0	3201				
5294	$BaTiO_3-Li_2SO_4$	0.4	849.0	723				
5295	$Cd_3(PO_4)_2-Zn_3(PO_4)_2$	9	849.0 ±3	933				
5296	CdF_2-CsF	72	850.0	2552				
5297	$BaCl_2-SrCl_2$	32	850.0	1918				
5298	$NaAlSi_3O_8-NaCl$	89.7 APP	850.0 APP	2520				
5299	$K_2MoO_4-K_4P_2O_7$	78	850.0	1122	1155			
5300	Na_2O-TiO_2	76	850.0	2944				
5301	$MgCl_2-ThF_4$	35	850.0 ±2	2802				
5302	UCl_4-UO_2	46 APP	851.0	1394				
5303	$KF-Ta_2O_5$	99.76	853.0	879				
5304	$BaTiO_3-Na_4P_2O_7$	23	853.0	723				
5305	$K_4P_2O_7-K_2TiO_3-TiO_2$	3.8–73.4–22.8	854.0	1036				
5306	LaF_3-YF_3	15	854.0 APP	2947				
5307	Na_3AlF_6-NaF	25.7	855.0	1465				
5308	CdF_2-KF	74.5	855.0	1947	2552			
5309	$K_2SO_4-PbWO_4$	66	855.0	3154				
5310	$NaF-SrF_2$	(68–73)	856.0	82	170	262	358	474
5311	$NaF-SrF_2$	67.5	856.0	845				
5312	$NaF-SrF_2$	73	856.0	848				
5313	$NaF-SrF_2$	73.4	856.0	1090				
5314	$PbO-SrO$	93	857.0	2268				
5315	$Cd(BO_2)_2-Mg(BO_2)_2$	97.5	858.0	860				
5316	$FeS-Li_2S$	37	858.0 ±3	2776				
5317	$NaF-SrF_2$	67	859.0	2203				
5318	$KF-ThF_4$	54	860.0	148	615			
5319	$RbF-YF_3$	58	860.0	1171				
5320	$BaF_2-B_2O_3$	47.5	860.0	1360				
5321	$BaCl_2-BaCO_3$	82.5	860.0	178				
5322	$BaCl_2-Ba_3N_2$	19	860.0	1061				
5323	$FeS-PbS$	53.3	860.0	2260				
5324	$KBO_2-K_2SO_4$	68	860.0	2504				
5325	$InAs-Zn_3As_2$	55	860.0	2327				
5326	$Na_2SO_4-PbWO_4$	85	860.0	3162				
5327	$PbO-ZnO$	89	861.0 ±2	902				
5328	Na_2O-TiO_2	55	862.0	2944				
5329	$Na_2CrO_4-Na_4P_2O_7$	40	863.0	2150	2258			
5330	$KF-K_2SO_4$	42	864.0	368				
5331	$CdO-V_2O_5$	75.5	864.0	2066				
5332	$KF-ThF_4$	47	865.0	148	615			
5333	$KF-K_2SO_4$	43	865.0	278				
5334	$BaF_2-B_2O_3$	33.	865.0	1360				
5335	$CdO-P_2O_5$	53	865.0 ±3	1001				
5336	Ca_2O_3-PbO	62	865.0 ±25	2391				
5337	$Cs_2CrO_4-K_2CrO_4$	48	865.0	2262				
5338	V_2O_5-ZnO	27	866.0	1006				
5339	$BaSO_4-CaSO_4-K_2SO_4$	9.5–32–58.5	867.0	1224				
5340	$BaSO_4-CaSO_4-Na_2SO_4$	11–43–46	867.0	1683	2085			
5341	$CaSO_4-K_2SO_4$	42	867.0	1076	1119			
5342	$CaSO_4-K_2SO_4$	42	867.0	3127				
5343	Na_3AlF_6-NaF	21	868.0	2191				
5344	$BaTiO_3-Na_2SO_4$	0.3	868.0	723				
5345	$KF-ScF_3$	63	870.0	1169				
5346	$Li_2TiO_3-NaF-Na_2TiO_3$	11–71–18	870.0	197				
5347	$BaCl_2-BaWO_4$	85	870.0 APP	1162				
5348	$Bi_2O_3-V_2O_5$	62.5	870.0	890				
5349	$CaSO_4-K_2SO_4$	40	870.0	1224				

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References					
5350	PbS–PbTe	35 APP	871.0	1411					
5351	$Ba(PO_3)_2$–$Ca(PO_3)_2$	34.5	871.0	2650					
5352	AlF_3–$BaCl_2$	38.5	872.0	762					
5353	Na_2SiO_3–TiO_2	79.9	872.0	1037					
5354	LuF_3–NaF	72	873.0	1401					
5355	$BaTiO_3$–K_2CO_3	0.9	873.0	723					
5356	Li_2TiO_3–NaF	13	874.0	197					
5357	KF–ThF_4	44	875.0	148	615				
5358	MgF_2–RbF	65	875.0	670					
5359	NaF–Na_3AlF_6–TiO_2	71.3–22.5–6.1	875.0	124					
5360	Cs_2O–SiO_2	14	875.0	1368					
5361	PbO–SrO	73	875.0	2268					
5362	$CaSO_4$–K_2SO_4	39.7	875.0	969					
5363	$CaSO_4$–K_2SO_4	40.3	875.0	2087					
5364	$Ca(PO_3)_2$–$CsPO_3$	78	875.0	2784					
5365	K_2CrO_4–$K_4P_2O_7$	75	876.0	521					
5366	K_3PO_4–$K_4P_2O_7$–K_2SO_4	4–33–63 APP	876.0	2731					
5367	KF–ThF_4	43	878.0	3165					
5368	$BaCl_2$–$BaSO_4$	86.2	878.0	3173					
5369	$BaCl_2$–BaF_2–CaF_2	17–62–21	880.0	360	814				
5370	$CaCO_3$–CaF_2	58.1	880.0	970					
5371	CeO_2–Na_3AlF_6	5.5	880.0	893					
5372	NaF–Na_2TiO_3	52	880.0	393					
5373	Bi_2O_3–GeO_2	66	880.0	947					
5374	$CaSO_4$–K_2SO_4–$MgSO_4$	4.9–20.8–74.3	880.0	2087					
5375	$K_4P_2O_7$–$Na_4P_2O_7$	35	880.0	2150					
5376	Na_2SiO_3–Na_2TiO_3	47	880.0	1037					
5377	AlF_3–Al_2O_3–NaF	13.1–1.1–85.8	881.0	972					
5378	Na_3AlF_6–NaF	23.1	882.0	736					
5379	Na_3AlF_6–NaF	23.25	882.0	1165					
5380	BaF_2–NiF_2	66	882.0	2355					
5381	$CaSO_4$–K_2SO_4–$MgSO_4$	19.1–25.1–55.8	882.0	2087					
5382	Li_2WO_4–$PbSO_4$	24	882.0	136					
5383	BeF_2–SrF_2	40	883.0	1987					
5384	KF–K_2SO_4	41	883.0	549					
5385	Li_2CO_3–$LiPO_3$	13.5	883.0	2645					
5386	K_2SO_4–$MgSO_4$	22.1	884.0	2087					
5387	K_2TiO_3–Na_2TiO_3	28	884.0	1220					
5388	AlF_3–NaF	13	885.0	922					
5389	AlF_3–NaF	25	885.0	66	124	127	214	493	531
5390	AlF_3–NaF	62.5	885.0	124					
5391	Na_3AlF_6–NaF	24.1	885.0	511					
5392	BaF_2–MgF_2	64.3	885.0	2445					
5393	AlF_3–NaF	13	886.0	1171					
5394	AlF_3–NaF	13.3	888.0	972					
5395	AlF_3–NaF	14.6	888.0	1434					
5396	AlF_3–NaF	24.7	888.0	2192					
5397	CsF–YF_3	62.5	890.0	1291					
5398	Li_2O–Na_3AlF_6	24.9	890.0	313					
5399	Cr_2O_3–K_2CO_3	50	890.0	1461					
5400	$CaSO_4$–Na_2SO_4	40	890.0	1119					
5401	FeF_3–NaF	35	892.0	3149					
5402	NaF–YbF_3	30 APP	893.0	1312	1401				
5403	$CaZn_2(PO_4)_2$–$Zn_3(PO_4)_2$	30	894.0	1983					
5404	V_2O_5–ZnO	23	895.0	1006					
5405	$NiFe_2O_4$–$Pb_2P_2O_7$	23	895.0	1481					
5406	GaS–GaSe	68	895.0	1355					
5407	CaO–Na_3AlF_6	33.3	896.0	319	543				

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C		References	
5408	$NaF-Na_2SiO_3$	59	896.0	417		
5409	$NaF-Na_2TiO_3$	33	896.0	393		
5410	$BeO-Na_3AlF_6$	33.3	898.0	313		
5411	$NaF-Na_2TiO_3$	51.8	898.0	1089		
5412	$NaF-Na_2TiO_3$	52	898.0	197	393	
5413	$BaCl_2-BaO$	87.5	899.0	703		
5414	Cr_2O_3-FeO	16.8	900.0 APP	1087		
5415	Co_4S_3-FeS	77 APP	900.0	1040		
5416	$BaTiO_3-K_2SiO_3$	3	900.0	723		
5417	CdF_2-RbF	76	902.0	2552		
5418	CdF_2-RbF	77	902.0	2272		
5419	$K_2SO_4-K_2WO_4$	30	902.0	2501		
5420	$BaCl_2-SrCl_2-SrF_2$	30–19–51	903.0	519		
5421	$Na_3AlF_6-Nd_2O_3$	88	904.0	893		
5422	$NaF-TmF_3$	30 APP	905.0 APP	1401		
5423	$MgO-Na_3AlF_6$	30	905.0	319	543	
5424	GeO_2-Na_2O	92.5	905.0	821		
5425	$KBO_2-K_3PO_4$	86 APP	906.0	2720		
5426	$K_3AlF_6-Na_3AlF_6$	29	908.0	1292	1717	
5427	$K_4P_2O_7-K_2SO_4$	40 APP	908.0	2731		
5428	$Al_2O_3-MgF_2-Na_3AlF_6$	6.5–36.8–56.6	909.0	297		
5429	$BaTiO_3-K_2MoO_4$	0.4	909.0	723		
5430	Cs_2O-SiO_2	23.7	910.0	1368		
5431	$Rb_2O-V_2O_5$	69	910.0	1134		
5432	$CaSO_4-Na_2SO_4$	50	910.0	1439		
5433	$K_2SO_4-K_2MoO_4$	27.5	910.0	2501		
5434	MoO_3-PbO	37.5	910.0	2655		
5435	$NiSb-PbS$	54	910.0	2755		
5436	$K_3AlF_6-Na_3AlF_6$	29	912.0	1465		
5437	BaF_2-MgF_2	60	912.0	9	207	747
5438	$Al_2O_3-MgF_2-Na_3AlF_6$	4.5–35.5–60.	912.0	1402		
5439	$Li_2SO_4-Sc_2(SO_4)_3$	30	912.0	2610		
5440	$NaBO_2-Na_3PO_4$	83 APP	912.0	2721		
5441	$BaSO_4-Na_2SO_4$	19.9	913.0	3131		
5442	$BaSO_4-Na_2SO_4$	NA	913.0	3129		
5443	$Ca_2P_2O_7-Na_4P_2O_7-Na_2SO_4$	23.2–70–6.7	914.0	1114		
5444	BaF_2-MgF_2	40.3	915.0	2445		
5445	$Li_2TiO_3-NaF-Na_2TiO_3$	10.3–21.4–68.3	917.0	197		
5446	$CaSO_4-Na_4P_2O_7-Na_2SO_4$	49.2–2.5–48.2	918.0	1114		
5447	ErF_3-NaF	72	920.0	1401		
5448	BaF_2-BeF_2	72	920.0	699		
5449	UF_4-UO_2	20.9	920.0	1826		
5450	$BaO-Li_2O-SiO_2$	1.2–2.2–96.6 APP	920.0	2336		
5451	$Na_2B_4O_7-CeO_2$	99.4 APP	920.0 APP	1917		
5452	$Mg(BO_2)_2-Sr(BO_2)_2$	42.5	920.0	860		
5453	$K_2CrO_4-K_2MoO_4$	10	920.0	2501		
5454	$CdSe-Ga_2Se_3$	41	920.0	2657		
5455	$NaF-TiO_2$	80	920.0	2890		
5456	$Al_2O_3-CaF_2-Na_3AlF_6$	16.1–27.3–56.6	923.0	181	497	757
5457	$CaCl_2-CaF_2$	80	923.0	2667		
5458	$MgF_2-Na_3AlF_6$	18	924.0	1402		
5459	$K_3AlF_6-Na_3AlF_6$	73	925.0	1717		
5460	$K_3AlF_6-Na_3AlF_6$	75	925.0	1292		
5461	$K_3AlF_6-Na_3AlF_6$	73	926.0	1465		
5462	$KCl-VCl_2$	47.5	930.0	222		
5463	$Bi_2O_3-MoO_3$	66.6	930.0	1109		
5464	GeO_2-Li_2O	74	930.0 ±10	1000		
5465	$PbO-WO_3$	38	930.0	2151		

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C		References		
5466	$PbWO_4$–WO_3	32.5	930.0	849			
5467	EuS–FeS	23	930.0 ±10	2949			
5468	Al_2O_3–CaF_2–Na_3AlF_6	4.3–40.7–54.9	933.0	181	497	757	
5469	B_2O_3–SrO	78	934.0	1999			
5470	BaO–WO_3	25 APP	935.0 ±5	1485			
5471	Cu_2O–P_2O_5	38	935.0	2454			
5472	GeO_2–Li_2O	89.6	935.0 ±10	1000			
5473	MoO_3–PbO	37.5	935.0	1109			
5474	Cs_2CrO_4–Rb_2CrO_4	50	935.0	2262			
5475	$BaCl_2$–BaF_2–CaF_2	36–35.5–28.5	936.0	360	814		
5476	$BaCl_2$–$BaTiO_3$	97.5	938.0	737			
5477	BaO–WO_3	25	938.0	924			
5478	K_2CrO_4–Rb_2CrO_4	50	938.0	2262			
5479	CaF_2–Na_3AlF_6	49.5	940.0	181	497	757	
5480	$BaCl_2$–BaF_2	22	940.0	277			
5481	$NiFe_2O_4$–$Pb_3(PO_4)_2$	8.5	940.0	1481			
5482	CdSe–Ga_2Se_3	62	940.0	2657			
5483	CaO–TiO_2–V_2O_5	29.0–30.0–41.0	940.0	2927			
5484	Cs_2SO_4–K_2SO_4	50	940.0	3010			
5485	CsF–HoF_3	60	940.0	3085			
5486	$BaCl_2$–BaF_2	22	940.0	2772			
5487	Cs_2CrO_4–Rb_2CrO_4	60.5	940.0	2904			
5488	$PbCl_2$–$Pb_3(VO_4)_2$	2.2	940.0	3158			
5489	$BaTiO_3$–Na_2SiO_3	27	942.0	723			
5490	Ba_2SiO_5–$Li_2Si_2O_5$	NA	943.0	2778			
5491	CaF_2–Na_3AlF_6	48.6	945.0	757			
5492	K_3AlF_6–Na_3AlF_6	35.1	945.0	1402			
5493	$CaF_2Na_3AlF_6$	50	945.5	2536			
5494	NaF–YF_3	25	947.0	1400	1401		
5495	$Cd_2P_2O_7$–$Zn_2P_2O_7$	30	947.0 ±5	1001			
5496	CaF_2–MgF_2	42	948.0	9			
5497	CaF_2–MgF_2	42.4	948.0	9	61	62	203
5498	Cs_2SO_4–Rb_2SO_4	65	948.0	2904			
5499	$SrCl_2$–SrO	72	950.0	703			
5500	Cu_2O–GeO_2	50 NITROGEN ATM	950.0	2318			
5501	GeO_2–Na_2O	50.5	950.0 ±10	974			
5502	PbO–$PbSO_4$	60	950.0	1254	1255		
5503	PbO–$PbSO_4$	39	950.0	979			
5504	$Ba(BO_2)_2$–$Cd(BO_2)_2$	70 APP	950.0	860			
5505	$Ba(BO_2)_2$–$Mg(BO_2)_2$	30 APP	950.0	860			
5506	BaF_2–YbF_3	46	950.0	2638			
5507	CaF_2–$CaSO_4$	50	951.0	2847			
5508	$BaTiO_3$–NaF	3.6	952.0	723			
5509	Na_3PO_4–$Na_4P_2O_7$	32.4	952.0	2624			
5510	CaF_2–MgF_2	43	954.0	9	61	62	203
5511	CaF_2–MgF_2	43.5	954.0	61			
5512	Na_3AlF_6–Na_3FeF_6	98	954.0	2885			
5513	KF–ThF_4	20	954.0	3165			
5514	Rb_2MoO_4–$Sm_2(MoO_4)_3$	30	955.0	2846			
5515	$Ca_2P_2O_7$–$Na_4P_2O_7$–$CaSO_4$	60.1–32.2–7.7	958.0	1114			
5516	BaF_2–$BaMoO_4$	63.5	958.0	3038			
5517	BaF_2–$BaSO_4$	67	958.0	2854			
5518	Bi_2O_3–GeO_2	23.5	960.0	947			
5519	$Li_4P_2O_7$–Na_2MoO_4	86.9	960.0	2060			
5520	$CdMoO_4$–$ZnMoO_4$	34	960.0	2611			
5521	Na_2O–NbO_2	54 APP	960.0	2685			
5522	AlF_3–Al_2O_3–NaF	23.6–5.7–70.7	961.0	972			
5523	Al_2O_3–Na_3AlF_6	19.5	961.0	181	256	426	812

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References	
5524	HoF_3–NaF	71	962.0	1401	
5525	$SrCl_2$–SrF_2	37	962.0	411	519
5526	Al_2O_3–Na_3AlF_6	18.6	962.0	812	1402
5527	K_2O–WO_3	44	962.0	3056	
5528	$PbMoO_4$–$PbSO_4$	57	962.0	3213	
5529	Na_3AlF_6–Sm_2O_3	98.8	963.0	893	
5530	NaF–TiO_2	79	967.0	124	
5531	B_2O_3–SrO	63	967.0	1999	
5532	BaF_2–NiF_2	44	968.0	2355	
5533	Na_3AlF_6–TiO_2	90.2	970.0	542	543
5534	CaO–P_2O_5	51 APP	970.0 APP	2100	
5535	La_2O_3–MgO	50	970.0 APP	934	
5536	P_2O_5–SrO	48 APP	970.0 APP	2100	
5537	B_2O_3–K_2O–WO_3	61–35–4	970.0	2972	
5538	$Ba_5Si_8O_{21}$–Li_2SiO_3	NA	970.0	2778	
5539	K_2SO_4–$SrSO_4$	63	970.0	3127	
5540	CdO–Na_3AlF_6	9.6	971.0	542	543
5541	Na_3AlF_6–ZrO_2	86	971.0	547	
5542	$Ba_2Si_3O_8$–Li_2SiO_3	NA	972.0	2778	
5543	Na_3AlF_6–ZnO	92.8	974.0	542	543
5544	KF–MgF_2–NaF	13.5–53.5–33.0	975.0	530	
5545	Al_2O_3–Li_2O–SiO_2	4.3–10.7–85	975.0	921	984
5546	$NiFe_2O_4$–$Pb_3(PO_4)_2$	27	975.0	1481	
5547	$Ba_2Si_2O_5$–Li_2SiO_3	NA	975.0	2778	
5548	$BaSiO_3$–Li_2SiO_3	NA	976.0	2778	
5549	Cs_2SO_4–Rb_2SO_4	75	978.0	1762	
5550	KF–ThF_4	22	980.0	148	615
5551	CaF_2–MgF_2	50	980.0	2445	
5552	NaF–$PbTiO_3$	99	980.0	516	
5553	$SrCl_2$–Sr_3N_2	11	980.0	1172	
5554	Al_2O_3–Li_2O–SiO_2	4.7–28–67.3	980.0	921	984
5555	DyF_3–NaF	70	982.0	1401	
5556	Li_2MoO_4–$Li_4P_2O_7$	3.9	982.0	1123	1155
5557	MoO_3–$ZnMoO_4$	49.75	985.0 ±10	1700	
5558	AlF_3–MgF_2	43.5	985.0	3045	
5559	$KCaF_3$–$KMgF_3$	60	985.0	3092	
5560	MoO_3–ZnO	48.5	985.0 ±5	2747	
5561	LiCl–$Li_4P_2O_7$	9.3	986.0	1111	
5562	Na_2TiO_3–TiO_2	65	986.0	1459	
5563	MgF_2–NaF	36	987.0	528	530
5564	PbS–ZnS	78	988.0	3005	
5565	BaF_2–$BaWO_4$	67	988.0	2881	
5566	CaO–CuO–Cu_2O	10.7–42.8–46.5	990.0	1820	
5567	Na_2O–SiO_2–ZnO	51.7–42–6.3	990.0 ±10	1838	
5568	Na_2O–TiO_2	35	990.0	1988	
5569	$BaTiO_3$–$K_4P_2O_7$	19.8	992.0	723	
5570	NaF–TbF_3	32	994.0	1401	
5571	$PbSO_4$–$PbWO_4$	50	995.0	136	
5572	CaF_2–ScF_3	61	995.0	2644	
5573	$PbSO_4$–$PbWO_4$	49	995.0	3213	
5574	$PbSO_4$–$PbWO_4$	50	996.0	3154	
5575	CaF_2–UF_4	23.5	997.0	2156	
5576	NaCl–Na_2TiO_3	15	998.0	1459	
5577	MgF_2–NaF	36	1000.0	528	
5578	$SrBr_2$–Sr_3N_2	13	1000.0	1172	
5579	Sm_2O_3–WO_3	14	1000.0	1438	
5580	$CdWO_4$–PbO	50	1000.0 APP	2151	
5581	$Pr_2(WO_4)_3$–Rb_2WO_4	70 APP	1000.0	2867	

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References				
5582	Cs_2WO_4–$Pr_2(WO_4)_3$	28 APP	1000.0	2867				
5583	RbF–ThF_4	20	1000.0	3165				
5584	GeO_2–K_2O	83.7	1006.0	1960				
5585	KF–MgF_2	31	1008.0	530	536	670		
5586	WO_3–ZnO	66	1010.0	2873				
5587	$BaSO_4$–K_2SO_4	33.2	1015.0	3131				
5588	$BaSO_4$–K_2SO_4	30	1016.0	3127				
5589	La_2O_3–WO_3	20 APP	1020.0	2441				
5590	Li_2O–SiO_2	30.5 APP	1020.0 APP	2477				
5591	Na_2TiO_3–TiO_2	90	1020.0	1459				
5592	$BaSO_4$–$CaSO_4$–K_2SO_4	8–63.5–28.5	1020.0	1224				
5593	La_2WO_3–WO_3	20 APP	1020.0	2677				
5594	K_3PO_4–P_2O_5	70	1020.0	2704				
5595	BaF_2–CaF_2	50	1022.0	18	360	814	876	
5596	Na_2O–SiO_2	56.1	1022.0	2316				
5597	Li_2O–SiO_2	61.2	1024.0	983				
5598	Li_2O–SiO_2	62.2	1024.0	2344				
5599	K_2SO_4–Rb_2SO_4	50	1024.0	3262				
5600	GeO_2–Li_2O	71.5	1025.0 ±10	1000				
5601	BaF_2–GdF_3	64	1025.0	2662				
5602	Li_2O–SiO_2	30.6	1028.0	2344				
5603	Li_2O–SiO_2	30.8	1028.0	983				
5604	Li_2O–SiO_2	30.3	1028.0 ±1	2317				
5605	$MgFe_2O_4$–$PbMoO_4$	22	1030.0	1233				
5606	$BaSiO_3$–$PbSiO_3$	63 APP	1030.0	1711				
5607	$Ba(BO_2)_2$–$Ca(BO_2)_2$	68	1030.0	927				
5608	Li_2O–TiO_2	56	1030.0	2944				
5609	K_3PO_4–K_2SO_4	12 APP	1033.0	2731				
5610	$Ba(BO_2)_2$–$Ca(BO_2)_2$	82	1034.0	927				
5611	Nd_2O_3–WO_3	17.5	1037.0	1716				
5612	$MgFe_2O_4$–$PbMoO_4$	7	1040.0	1233				
5613	GeO_2–Na_2O	83	1042.0	820	1960			
5614	K_2O–Na_2O	73	1043.0	2605				
5615	$Ba(BO_2)_2$–$Sr(BO_2)_2$	38.5	1044.0	860				
5616	CsCl–VCl_2	34	1046.0	222				
5617	$BaTiO_3$–Li_2SiO_3	16	1048.0	723				
5618	BaF_2–CaF_2	51	1050.0	2445				
5619	SrI_2–Sr_3N_2	30	1050.0	1172				
5620	CuO–Cu_2O–SiO_2	40.8–48.4–10.8	1050.0	946				
5621	Cu_2O–SiO_2	82.8	1050.0	1373				
5622	$Ba(BO_2)_2$–$Ca(BO_2)_2$	25	1050.0	927				
5623	BaF_2–GdF_3	34	1050.0	2662				
5624	Na_2MoO_4–$Pr_2(MoO_4)_3$	2.5	1050.0	3059				
5625	CaF_2–KF	54.4	1054.0	18	262	481	482	815
5626	CaF_2–YbF_3	46	1055.0	2933				
5627	K_3PO_4–$K_4P_2O_7$	40 APP	1056.0	2731				
5628	GdF_3–NaF	68	1058.0	1401				
5629	CaF_2–KF	54.4	1058.0	848				
5630	EuF_3–NaF	62	1060.0	1401				
5631	CaF_2–KF	62.5	1060.0	18	262	481	482	678	815
5632	Cu_2O–SiO_2	82.8	1060.0 ±10	517	946			
5633	GeO_2–Li_2O	25	1060.0	2950				
5634	CaF_2–CsF	54.44	1062.0	2121	2378			
5635	CoO–P_2O_5	58	1070.0	1870				
5636	CuO–Fe_2O_3	94 APP	1070.0	1730				
5637	CdS–CdTe	20	1071.0	3008				
5638	$Ba(BO_2)_2$–$Sr(BO_2)_2$	83.5	1072.0	860				
5639	SrO–WO_3	24	1073.0 ±5	1485				

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References		
5640	BaF_2–$BaSiO_3$	58	1075.0	362		
5641	Al_2O_3–CuO–Cu_2O	2.8–55.9–41.2	1075.0	951		
5642	CdO–P_2O_5	72	1075.0 ±5	1001		
5643	CuO–Cu_2O	45.8	1075.0	951		
5644	MgF_2–$Mg_3(PO_4)_2$	11	1076.0	3172		
5645	RbF–ScF_3	30	1080.0	1797		
5646	PbS–PbSe	44	1080.0 ±2	1002		
5647	$La_2(WO_4)_3$–Na_2WO_4	1 APP	1080.0 APP	2441		
5648	CdS–PbS	15	1080.0	2945		
5649	Na_2MoO_4–$Sm_2(MoO_4)_3$	10	1080.0	3059		
5650	KF–NiF_2	34.5	1084.0	398		
5651	CaF_2–RbF	43	1090.0	1918		
5652	Cr_2O_3–FeO	72.8	1090.0 APP	1087		
5653	GeO_2–Nb_2O_5	97 APP	1090.0	1837		
5654	CdSe–CdTe	20 APP	1091.0	2659		
5655	Al_2O_3–GeO_2	6	1095.0 ±5	2205		
5656	GeO_2–MnO	43.5 APP	1095.0 ±10	861		
5657	Al_2O_3–Cu_2O	9.5	1096.0	951		
5658	$BaMoO_4$–$MgMoO_4$	45	1098.0 ±3	2814		
5659	CdO–WO_3	35	1100.0	2287		
5660	CuO–GeO_2	7.5	1100.0	2318		
5661	BaO–SiO_2–ZnO	23–59–18 APP	1100.0	2719		
5662	Na_2MoO_4–$Tb_2(MoO_4)_3$	15	1100.0	3059		
5663	Cs_2WO_4–$Tb_2(WO_4)_3$	31 APP	1100.0	2867		
5664	CaF_2–CaO–SiO_2	41.9–38.1–19.9	1104.0	973		
5665	CaF_2–Ca_2SiO_4–CaO	55.8–26.5–17.7	1104.0	973	973	1261
5666	BaO–GeO_2	39.2	1105.0	1329		
5667	CoO–P_2O_5	83	1105.0	1870		
5668	Fe_2SiO_4–Zn_2SiO_4	64.1	1105.0 APP	988		
5669	Fe_2SiO_4–Zn_2SiO_4	64.1 APP	1105.0 APP	1867		
5670	MgF_2–$Mg_3(PO_4)_2$	87	1105.0	3172		
5671	CaF_2–CaO–SiO_2	28.5–59.2–12.2	1106.0	973		
5672	CaF_2–Ca_2SiO_4–CaO	37.8–16.2–46.	1106.0	973	973	1261
5673	CaF_2–YF_3	9	1106.0	3266		
5674	CaO–FeO	NA	1107.0	2298		
5675	CaF_2–Ca_2SiO_4	68.1	1110.0	1958		
5676	GeO_2–SrO	98 APP	1110.0	2248		
5677	CaO–FeO–Fe_2O_3	32.16–54.58–13.26	1115.0	2581		
5678	CaO–FeO–SiO_2	NA	1115.0 ±5	2298		
5679	GeO_2–Li_2O	40.0	1118.0	2950		
5680	CaO–FeO	30	1120.0	1374		
5681	CoO–P_2O_5	71	1120.0	1870		
5682	PbO–SrO	29	1120.0	2268		
5683	CaF_2–YF_3	40	1120.0	3266		
5684	$Al_2(WO_4)_3$–$Y_2(WO_4)_3$	50	1120.0	2783		
5685	MgO–V_2O_5	70 APP	1122.0	1283		
5686	CaO–MgO–P_2O_5	21.6–54.1–24.3	1122.0	2652		
5687	MgF_2–MgO–P_2O_5	60.2–31.4–8.4	1125.0	1488		
5688	BaO–SiO_2–ZnO	21–63–15 APP	1125.0	2719		
5689	CaF_2–$CaSiO_3$	53.	1128.0	62	698	
5690	CaF_2–$CaSiO_3$	48.	1130.0	62	698	
5691	Al_2O_3–CuO	12.1	1130.0	951		
5692	$CaFeSiO_4$–Zn_2SiO_4	62.1	1130.0	2188		
5693	CaO–WO_3	25	1135.0 ±5	1485		
5694	FeS–ZnS	6	1135.0	3005		
5695	BaO–Cr_2O_3	86.9	1140.0	2517		
5696	$CaFeSiO_4$–Zn_2SiO_4	95.7	1140.0	2188		
5697	BaO–SiO_2–ZnO	19–61–19 APP	1140.0	2719		

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
5698	$CaO-FeO-Fe_2O_3$	38.66–28.87–32.47	1150.0	2581
5699	GeO_2-SrO	65	1150.0	2248
5700	$K_2O-Nb_2O_5$	33.1	1150.0	1977
5701	$MgMoO_4-SrMoO_4$	64.9	1159.0 ±3	2814
5702	$Al_2O_3-Cu_2O$	8.22	1165.0	1317
5703	$SrSiO_3-ZnSiO_3$	36.55	1170.0 APP	1377
5704	$Al_2O_3-CaO-Fe_2O_3$	7.7–41.8–50.4 APP	1175.0	2246
5705	$FeO-SiO_2$	60.8	1177.0	1087
5706	$Al_2O_3-CaF_2-CaO-MgO$	NA	1177.0	3066
5707	$FeO-SiO_2$	74.7	1178.0	1087
5708	$Al_2O_3-CaO-Fe_2O_3$	11.2–48–40.8 APP	1180.0	2246
5709	$Bi_2O_3-Nb_2O_5$	36 APP	1180.0	903
5710	$CaZr(PO_4)_2-ZrP_2O_7$	62 APP	1180.0 APP	2365
5711	$Gd_2(WO_4)_3-Na_2WO_4$	90	1182.0	2441
5712	$CaF_2-CaO-P_2O_5$	62.–31.–69.	1183.0	473
5713	$BeO-WO_3$	37	1185.0 ±5	1485
5714	$MgO-WO_3$	28.5	1185.0 ±5	1485
5715	$Al_2O_3-WO_3$	23 APP	1190.0 APP	1198
5716	$MgF_2-MgO-SiO_2$	82–14–4	1192.0	759
5717	$MgO-V_2O_5$	85 APP	1192.0	1283
5718	$CaO-MnO-SiO_2$	19.9–40.4–39.7	1195.0	1441
5719	Na_2O-NbO_2	45 APP	1200.0	2685
5720	$CaMoO_4-MgMoO_4$	35	1201.0 ±3	2814
5721	$CaF_2-Ca_3(PO_4)_2$	87.6	1203.0	471
5722	$CaO-MnO-SiO_2$	17.3–48.3–34.4	1204.0	1441
5723	WO_3-ZnO	46.5	1205.0	2873
5724	$CaO-MgF_2$	92.5	1208.0 ±2.	1845
5725	MgF_2-MgO	91	1214.0	759
5726	$MgF_2-MgO-SiO_2$	85–10–5	1215.0	759
5727	$Al_2O_3-WO_3$	28.5 APP	1215.0 APP	2420
5728	$Al_2O_3-CaF_2-SiO_2$	1.5–49.–49.5	1220.0	1447
5729	$CaF_2-SiO_2-TiO_2$	49.1–47.–3.9	1220.0	1498
5730	$MnO-Mn_2O_3-SiO_2$	53.8–4.9–41.2	1220.0	1836 1873
5731	HfO_2-WO_3	24	1227.0 ±3	2035
5732	MgF_2-MgO	91.5	1229.0 ±2.	1845
5733	MgF_2-MgO	91.65	1229.5	1931
5734	$PbO-TiO_2-ZrO_2$	39–55–6 APP	1230.0	2266
5735	$Al_2O_3-CaF_2-CaO$	15–37–48	1230.0	2740
5736	WO_3-ZrO_2	74	1231.0 ±3	2035
5737	$MnO-MnS$	40.8	1232.0	858
5738	CaF_2-GdF_3	40	1233.0 ±5	3067
5739	$BaO-GeO_2$	51	1236.0	1329
5740	$MgF_2-MgO-P_2O_5$	9.2–68.8–22.0	1237.0	1488
5741	$CaO-GeO_2$	40	1245.0	1908
5742	$BaO-SiO_2-TiO$	46.0–24–30.0	1245.0	2637
5743	$Al_2O_3-MgF_2$	2.6	1250.0	1845
5744	$BaO-GeO_2$	10	1250.0	1329
5745	$MnO-Mn_2O_3-SiO_2$	46.6–5.3–48	1250.0	1836 1873
5746	$Co_2SiO_4-Yb_4(SiO_4)_3$	89.5	1250.0	1395
5747	$NiO-P_2O_5$	58	1255.0	1870
5748	MgF_2-UO_2	99.65	1256.0	1931
5749	$CaO-GeO_2$	30	1260.0	1908
5750	$Fe_2O_3-La_2O_3-SnO_2$	75–7–18	1260.0 ±10	2227
5751	$CaO-Ga_2O_3$	63	1263.0	2391
5752	$B_2O_3-HfO_2$	43	1265.0	1484
5753	$CaO-MnO-SiO_2$	5.7–44.1–50.1	1265.0	1441
5754	GeO_2-SrO	90 APP	1270.0	2248
5755	CaF_2-NdF_3	42	1275.0	2640

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C		References
5756	Al_2O_3–CaF_2–TiO_2	7.1–56.6–36.2	1280.0	1473	
5757	BaO–Cr_2O_3	64.8	1280.0	2517	
5758	CaO–GeO_2	15	1280.0	1908	
5759	FeO–TiO_2	89.1 APP	1280.0	1742	
5760	BaO–SiO_2–TiO	54.0–39.0–7.0	1286.0	2637	
5761	Al_2O_3–CaF_2–CaO–MgO	NA	1287.0	3066	
5762	Al_2O_3–CaF_2	7.	1290.0 ±5.	3269	
5763	CaO–P_2O_5	69 APP	1290.0 APP	2100	
5764	P_2O_5–SrO	31 APP	1290.0 APP	2100	
5765	BaO–Cr_2O_3	41.8	1300.0	2517	
5766	B_2O_3–MgO	30.6	1300.0 ±5	1083	
5767	Fe_2O_3–La_2O_3–SnO_2	12–82–6	1300.0 ±10	2227	
5768	Nb_2O_5–WO_3	11	1300.0 APP	1004	
5769	$CaMg(SiO_3)_2$–$SrSiO_3$	55.7	1300.0	2097	
5770	CaF_2–LaF_3	40	1300.0	2640	
5771	Li_2O–TiO_2	16	1300.0	2944	
5772	MnO–Mn_2O_3–SiO_2	68.4–5–26.5	1303.0	1836	1873
5773	Al_2O_3–FeO	22.7	1305.0	1073	
5774	Al_2O_3–FeO	4.3 APP	1310.0 ±10	1471	
5775	Eu_2O_3–Ta_2O_5	1 APP	1310.0 APP	2479	
5776	BaO–Fe_2O_3	38	1315.0	931	
5777	SiO_2–TiO_2–ZnO	NA	1315.0 ±5	3068	
5778	BaO–TiO_2	32	1315.0	3220	
5779	BaO–TiO_2	32	1317.0	2125	
5780	MgO–WO_3	55	1318.0 ±5	1485	
5781	BaO–WO_3	58.5	1320.0	924	
5782	BaO–WO_3	58.2 APP	1320.0 ±5	1485	
5783	FeO–TiO_2	52.6 APP	1320.0	1742	
5784	Fe_2O_3–La_2O_3–SnO_2	7–84–9	1320.0 ±10	2227	
5785	NiO–P_2O_5	72	1320.0	1870	
5786	LaF_3–La_2O_3	80	1320.0	2852	
5787	Al_2O_3–$MnTiO_3$	14	1320.0	2880	
5788	CaO–Ga_2O_3	44	1323.0	2391	
5789	MgO–SiO_2–SrO	35.5–50–14.5	1325.0	886	
5790	$MgSiO_3$–$SrSiO_3$	52.1	1325.0	1437	
5791	CaO–Nb_2O_5	23.2	1326.0	1099	
5792	BaO–Fe_2O_3	58.8	1330.0	930	
5793	BaO–Fe_2O_3	61	1330.0	931	
5794	BeO–SiO_2–SrO	28.1–50–21.9	1330.0 APP	886	
5795	Al_2O_3–CaO–Fe_2O_3	31.1–62.1–6.8 APP	1335.0	2246	
5796	MgF_2–MgO–P_2O_5	8.6–69.0–22.5	1337.0	1488	
5797	Fe_2O_3–La_2O_3–SnO_2	30–35–35	1340.0 ±10	2227	
5798	Nb_2O_5–WO_3	40	1340.0 APP	1004	
5799	NiO–P_2O_5	82	1340.0	1870	
5800	CaF_2–CaO–MgO	60.8–22.6–16.6	1343.0 ±3.	1338	
5801	BaF_2–Y_2O_3	99 APP	1343.0	2696	
5802	Al_2O_3–MgO–SiO_2	10.5–29.5–60	1345.0	2063	
5803	Al_2O_3–SiO_2–Y_2O_3	19.2–68.2–12.6	1345.0	1409	
5804	Cr_2O_3–FeO	NA	1345.0	2946	
5805	$CaNb_2O_6$–$LaNb_3O_9$	64	1345.0	3050	
5806	CaF_2–MgO	82.	1350.0	1068	
5807	BaO–SiO_2–ZnO	15–58–27	1350.0	2719	
5808	CaO–TiO_2–V_2O_5	59.0–13.0–28.0	1350.0	2927	
5809	CaF_2–CaO	74.8	1360.0	973	973 1261
5810	CaF_2–CaO	76.5	1360.0	180	
5811	B_2O_3–MgO	17.9	1360.0 ±5	1083	
5812	Fe_2O_3–La_2O_3–SnO_2	33–47–20	1360.0 ±10	2227	
5813	Fe_2O_3–Nb_2O_5	27	1360.0	954	

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
5814	$3Y_2O{\cdot}5Al_2O_3{\cdot}Y_2(WO_4)_3$	4.5–1.5	1360.0	2783
5815	Al_2O_3–CaO	36.1	1361.0	1487
5816	Nb_2O_5–P_2O_5	67	1365.0	2717
5817	Al_2O_3–CaF_2	10	1368.0	2671
5818	BaO–Fe_2O_3	40	1370.0	930
5819	MgO–SiO_2–ZnO	23.6–48.5–27.9	1370.0 ±5	1246
5820	BaO–SiO_2–ZnO	19–38–42 APP	1370.0	2719
5821	BaO–SiO_2	25.7	1374.0	1272
5822	BaO–SiO_2	25.8	1374.0	1273
5823	$2CaO{\cdot}Fe_2O_3{\cdot}MgO$	59.1	1374.0 ±.05	1817
5824	BaO–Ga_2O_3	65	1375.0	2391
5825	CoO–Nb_2O_5	25	1375.0	954
5826	FeO–TiO_2	42.6 APP	1375.0	1742
5827	Fe_2O_3–Nb_2O_5	72	1375.0	954
5828	$SrSiO_3$–$ZnSiO_3$	19.6 APP	1375.0 APP	1377
5829	CaO–GeO_2	55	1380.0	1908
5830	GeO_2–SrO	43	1380.0	2248
5831	$Ca_3(PO_4)_2$–$CaSiO_3$–SiO_2	16.1–79.5–4.3	1380.0	1023
5832	CoO–SiO_2	57.7	1381.0	1196
5833	PuC–PuSi	48.5 APP	1382.0 APP	2357
5834	CoO–Nb_2O_5	67	1385.0	954
5835	Ni_2SiO_4–$Yb_4(SiO_4)_3$	91.5	1390.0 APP	1714
5836	LaF_3–La_2S_3	80	1390.0	2852
5837	Al_2O_3–FeO–SiO_2	30–36–33 APP	1400.0 APP	1073
5838	FeO–TiO_2	22.8 APP	1400.0	1742
5839	Al_2O_3–CaO–SiO_2	27.3–35–37.7	1405.0 ±5	1143
5840	CaO–Cr_2O_3–SiO_2	54.9–2.8–42.2	1407.0	1440
5841	CoO–SiO_2	67.3	1407.0	1196
5842	Al_2O_3–Na_2O	55.5	1410.0	1457
5843	Al_2O_3–Nb_2O_5	30	1410.0	954
5844	SrO–WO_3	57	1410.0 ±5	1485
5845	$CaMgSiO_4$–$MgFe_2O_4$	81.9	1410.0 ±10	1472
5846	Ca_2SiO_4–$MgFe_2O_4$	56.7	1415.0 ±5	813
5847	Ca_2SiO_4–$MgAl_2O_4$	61	1418.0	999
5848	$Ca_3(PO_4)_2$–$CaSiO_3$	17.4	1420.0	1023
5849	Al_2O_3–$Y_2(WO_4)_3$	50	1420.0	2783
5850	Al_2O_3–Nb_2O_5	19	1422.0	1316
5851	Ga_2O_3–SrO	37	1425.0	2391
5852	MgO–SiO_2–SrO	20.6–50–29.4	1425.0	886
5853	$MgSiO_3$–$SrSiO_3$	79.2	1425.0	1437
5854	HfO_2–WO_2	24	1430.0 ±5	2035
5855	Nb_2O_5–NiO	72	1430.0	954
5856	SiO_2–ZnO	NA	1432.0	2737
5857	BaO–SiO_2	41.7	1436.0	1272
5858	CaO–SiO_2	38.6	1436.0	1440
5859	CaO–TiO_2	11.8	1440.0 APP	1521
5860	SrO–TiO_2	22	1440.0 ±20	3268
5861	FeO–Fe_2O_3–$GdFeO_3$	18.6–55.9–25.4	1442.0	1315
5862	La_2O_3–TiO_2	17.3	1445.0	1445
5863	SrF_2–SrO	99.4	1447.0 ±5	2808
5864	CaO–Dy_2O_3	27 APP	1450.0 APP	1419
5865	Fe_2O_3–SnO_2	71	1450.0	2270
5866	Fe_3O_4–SiO_2	36.5	1450.0 APP	1197
5867	BaO–SiO_2–TiO	57.0–2.0–41	1450.0	2637
5868	CaO–TiO_2–V_2O_5	32.0–44.0–24.0	1450.0	2927
5869	Fe_2O_3–Gd_2O_3	85	1453.0 ±2	1315
5870	$KAlSiO_4$–Mg_2SiO_4–SiO_2	52–16.8–31.1	1456.0 ±10	2080
5871	CaO–Ga_2O_3	32	1457.0	2391

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References	
5872	$Ca_7Al_6ZrO_{16}$–MgO	22.4	1457.0	1003	
5873	SrF_2–Y_2O_3	96±1	1457.0 ±5	2808	
5874	CaO–SiO_2	56.7	1460.0	1440	
5875	CaO–TiO_2	20.2	1460.0 ±10	1071	
5876	Fe_2O_3–Y_2O_3	86.4	1469.0	1902	
5877	Fe_2O_3–Y_2O_3	87 APP	1469.0	1444	
5878	Fe_2O_3–Y_2O_3	86	1469.0 ±2	1315	
5879	BeO–Gd_2O_3	46.6	1472.0 ±2	1981	
5880	BaO–Ga_2O_3	29	1475.0	2391	
5881	Cr_2O_3–Nb_2O_5	21	1475.0	954	
5882	Al_2O_3–CaF_2–CaO	44.5–6.5–49	1475.0 LT	2740	
5883	B_2O_3–ThO_2	19 APP	1483.0	937	
5884	CaO–WO_3	56.5	1490.0 ±5	1485	
5885	CaO–Nb_2O_5	58.6	1492.0	1099	
5886	Nb_2O_5–NiO	33	1495.0	954	
5887	Al_2O_3–MnO–SiO_2	26–22–42 APP	1500.0 APP	1073	
5888	Al_2O_3–SrO–ZrO_2	34.5–63–2.5	1500.0	1954	
5889	CaO–Dy_2O_3	28	1500.0	1248	
5890	Cr_2O_3–Fe_2O_3	27	1500.0	1682	
5891	MgO–SiO_2–ZnO	20.9–25.8–53.3	1500.0 ±5	1246	
5892	Mg_2SiO_4–Zn_2SiO_4	35.3	1500.0 APP	1246	
5893	La_2WO_3–WO_3	37 APP	1500.0	2678	
5894	HfO_2–MgO	82	1500.0	3070	
5895	CeO_2–Fe_3O_4	38.7 APP	1510.0 APP	1085	
5896	CeO_2–TiO_2	55 APP	1510.0 APP	1085	
5897	MnS–MnSe	10 APP	1510.0	2105	
5898	$CaAl_2O_4$–$Ca_2Al_2SiO_7$	70	1512:0	2345	
5899	Al_2O_3–MnO	18	1520.0 ±10	1288	1848
5900	Al_2O_3–MnO	18	1520.0	2946	
5901	$Ca_2Al_2SiO_7$–$MgAl_2O_4$	73.1	1527.0	2345	
5902	CeO_2–Mn_3O_4	38.7 APP	1530.0 APP	1085	
5903	$MgNb_2O_6$–$Mg_3Nb_4O_{15}$	NA	1530.0	2675	
5904	CaO–Nb_2O_5	70.9	1535.0	1099	
5905	Ga_2O_3–SrO	60	1540.0	2391	
5906	$Ca_3(PO_4)_2$–SiO_2	70.5	1540.0	1023	
5907	$CaAl_4O_7$–$Ca_2Al_2SiO_7$	33.7	1545.0	2345	
5908	Gd_2O_3–TiO_2	14	1545.0	1257	
5909	Al_2O_3–SiO_2	3 APP	1547.0 ±5	941	
5910	CaF_2–CaO–P_2O_5	1.9–75.7–22.4	1550.0	473	
5911	EuO–SiO_2	35	1550.0	2424	
5912	CaF_2–CaO–P_2O_5	5.2–74.8–19.9	1560.0	473	
5913	P_2O_5–SrO	21 APP	1560.0 APP	2100	
5914	Sc_2O_3–TiO_2	12.5 APP	1560.0 ±25	1470	
5915	CaO–MgO–P_2O_5	72.6–5.5–21.9	1560.0	2652	
5916	LaF_3–La_2S_3	20	1560.0	2852	
5917	BaO–TiO_2	56.5	1563.0	1902	
5918	BaO–TiO_2	57.5	1563.0	2125	
5919	Ga_2O_3–MgO	85	1570.0	2391	
5920	MgO–Ta_2O_5	20	1575.0	866	
5921	SiO_2–SmO	70	1575.0	2424	
5922	$KAlSiO_4$–Mg_2SiO_4	62.3	1575.0 ±25	2080	
5923	CaO–P_2O_5	78 APP	1580.0 APP	2100	
5924	Fe_2O_3–NiO	23	1580.0	1544	
5925	B_2O_3–Sc_2O_3	42 APP	1582.0 ±5	1967	
5926	Al_2O_3–CaO	51.4	1590.0	1457	
5927	Al_2O_3–SiO_2	90.2	1590.0	1152	
5928	BaO–WO_3	90 APP	1590.0	1485	
5929	BaO–WO_3	92	1590.0	924	

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
5930	P_2O_5–SrO	24 APP	1590.0 APP	2100
5931	Al_2O_3–SiO_2	5	1595.0	867
5932	$CaAl_2O_4$–$CaAl_4O_7$	49.6	1595.0	2345
5933	Al_2O_3–$NaAlO_2$	21.1	1595.0 APP	939
5934	CoO–Fe_3O_4	71.6	1600.0	1197
5935	La_2O_3–NiO	31.2	1600.0	1544
5936	HfO_2–$Y_2Si_2O_7$	12.5	1600.0 ±10	2679
5937	MgO–TiO_2	44	1600.0 ±20	2689
5938	Fe_2O_3–Ga_2O_3	40	1610.0	1610
5939	MgO–TiO_2	20	1610.0 ±20	2689
5940	Ca_2SiO_4–$MgAlCrO_4$	74.4	1615.0 ±5	813
5941	CaF_2–$Ca_3(PO_4)_2$	10.8	1620.0	471
5942	Ca_2SiO_4–$MgFeCrO_4$	73.6	1620.0 ±5	813
5943	SiO_2–SmO	42.5	1625.0	2424
5944	Al_2O_3–BeO–SiO_2	36.2–33.1–30.7	1630.0	1074
5945	La_2O_3–TiO_2	66.5	1630.0	1445
5946	ThO_2–TiO_2	25 APP	1630.0 APP	1085
5947	LaF_3–La_2O_3	20	1630.0	2852
5948	Nd_2O_3–SiO_2	26	1635.0	928
5949	CaO–P_2O_5–SiO_2	77.1–17.3–5.6	1636.0	863
5950	Ti_3O–Zr_3O	85	1640.0 ±10	2286
5951	Al_2O_3–$CaSiO_3$–MgO	15.7–34.9–49.3	1640.0 ±10	1472
5952	Ca_2SiO_4–$MgCrO_4$–MgO	3.4–48.0–48.6	1640.0	2992
5953	$CaZrO_3$–$MgAl_2O_4$	54.3	1647.0	1003
5954	EuO–SiO_2	55	1650.0	2424
5955	La_2O_3–NiO	63.8	1650.0	1544
5956	NiO–SiO_2	55	1650.0	1098
5957	$Ca(PO_3)_2$–Na_2O	29.4	1650.0	2343
5958	Cr_2O_3–SiO_2–ZrO_2	5–85–10	1669.0	980
5959	BeO–SiO_2	14 APP	1670.0	1067
5960	La_2O_3–TiO_2	41.1	1675.0	1445
5961	Nd_2O_3–SiO_2	65	1675.0	928
5962	SiO_2–ZrO_2	98.5 APP	1677.0	2256
5963	Cr_2O_3–SiO_2	5	1680.0	980
5964	Cr_2O_3–Nb_2O_5	70	1680.0	954
5965	$2CaO{\cdot}SiO_2$–$MgO{\cdot}Cr_2O_3$	81	1680.0 ±10	2627
5966	BaO–GeO_2	64	1685.0	1329
5967	SiO_2–ZrO_2	98	1687.0	1484
5968	Al_2O_3–Ti_2O_3	55	1695.0 ±30	986
5969	Al_2O_3–SiO_2–ZrO_2	49.7–27–23.3	1700.0 APP	2309
5970	BaO–GeO_2	70.7	1700.0	1329
5971	$CaAl_4O_7$–$MgAl_2O_4$	77.5	1700.0	2345
5972	Cr_2O_3–SiO_2–ZrO_2	30–55–15	1700.0	980
5973	Nd_2O_3–SiO_2	45	1700.0	928
5974	SiO_2–ThO_2	100 APP	1700.0 APP	1806
5975	SiO_2–ThO_2–UO_2	NA	1700.0 APP	1806
5976	Er_2O_3–GeO_2	20 APP	1700.0	2700
5977	SiO_2–ZrO_2	95	1705.0	980
5978	Gd_2O_3–SiO_2	26.4	1710.0	819
5979	Ga_2O_3–MgO	26.5	1720.0	2391
5980	EuO–SiO_2	85	1725.0	2424
5981	SiO_2–SmO	17.5	1725.0	2424
5982	La_2O_3–Ta_2O_5	20 APP	1740.0 APP	2422
5983	Al_2O_3–Ce_2O_3	68 APP	1750.0 APP	1992
5984	Al_2O_3–FeO	55.6	1750.0	1073
5985	Al_2O_3–FeO	56.7 APP	1750.0 ±15	1471
5986	Al_2O_3–Gd_2O_3	78	1750.0	1284
5987	Al_2O_3–Yb_2O_3	79.4	1750.0	1718 1803

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
5988	La_2O_3–Ta_2O_5	27 APP	1750.0 APP	2422
5989	MgO–ZnO	41.5	1750.0 GT	1246
5990	SiO_2–ZrO_2	95	1750.0	1178
5991	Ca_2SiO_4–$Y_4(SiO_4)_3$	77.9	1750.0 ±20	1026
5992	Al_2O_3–La_2O_3	77.6	1760.0	1457
5993	Al_2O_3–Sm_2O_3	76	1760.0	1284
5994	Al_2O_3–Y_2O_3	76.9	1760.0	1407 1803
5995	Cr_2O_3–SiO_2	65	1760.0	980
5996	Cr_2O_3–TiO_2	4	1760.0	2607
5997	GeO_2–SrO	12	1760.0	2248
5998	Ca_2SiO_4–$Nd_4(SiO_4)_3$	80.3	1760.0 ±20	1285
5999	Al_2O_3–La_2O_3	79	1765.0 APP	2036
6000	Al_2O_3–CeO_2	54 APP	1770.0 APP	1085
6001	Al_2O_3–MnO	65.3	1770.0 ±15	1288 1848
6002	Ba_2SiO_4–Ca_2SiO_4	37.2	1770.0 ±20	1053
6003	Ca_2SiO_4–$La_4(SiO_4)_3$	78.5	1770.0 ±20	1285
6004	Al_2O_3–MnO	65	1770.0	2946
6005	Al_2O_3–CaO	67.4	1775.0	1457
6006	La_2O_3–Ta_2O_5	8 APP	1775.0 APP	2422
6007	$CaSiO_3$–Cr_2O_3–MgO	46.8–3.7–49.5	1775.0 ±25	1472
6008	$CaTiO_3$–ZrO_2	42.6	1777.0	1466
6009	Al_2O_3–BeO–SiO_2	55.9–18.5–25.6	1780.0	1074
6010	Al_2O_3–Ce_2O_3	40 APP	1780.0 APP	1992
6011	Al_2O_3–Y_2O_3	79 APP	1780.0 APP	2369
6012	Al_2O_3–Sc_2O_3	66.6	1790.0 ±20	940
6013	La_2O_3–Ta_2O_5	62 APP	1800.0 APP	2422
6014	SrO–TiO_2	80	1800.0 ±20	3268
6015	Ca_2GeO_4–Ca_2SiO_4	64 APP	1800.0 APP	1318
6016	Ca_2GeO_4–Sr_2GeO_4	35	1800.0	3265
6017	La_2O_3–La_2S_3	20	1800.0	2852
6018	$CaTiO_3$–Cr_2O_3	57.7	1807.0	1466
6019	Gd_2O_3–SiO_2	65.7	1810.0	819
6020	Al_2O_3–Sc_2O_3	44	1820.0 ±20	940
6021	Al_2O_3–Sm_2O_3	72.9	1825.0	1718
6022	Al_2O_3–La_2O_3	76.2	1830.0	1803
6023	Al_2O_3–La_2O_3	76.25	1830.0	1131
6024	Al_2O_3–La_2O_3–MgO	50–11.73–38.27	1830.0	1092
6025	Al_2O_3–MgO–ZrO_2	42.1–17.3–40.5	1830.0	1095
6026	CaO–GeO_2	70	1830.0	1908
6027	$LaAlO_3$–$MgAl_2O_4$	38	1830.0	1092
6028	Ba_2SiO_4–Ca_2SiO_4	80.9 APP	1830.0 ±20	1053
6029	Ca_2SiO_4–Sr_2GeO_4	20	1830.0	2760
6030	La_2O_3–La_2S_3	50	1830.0	2852
6031	Al_2O_3–BeO	42.4	1835.0	1074
6032	Al_2O_3–MgO–Nd_2O_3	50–38.3–11.7	1835.0	865
6033	La_2O_3–Ta_2O_5	83 APP	1835.0 APP	2422
6034	$MgAl_2O_4$–$NdAlO_3$	62	1835.0	865
6035	Al_2O_3–MgO–ZrO_2	16.6–42–41.3	1840.0	1095
6036	Al_2O_3–SiO_2–Y_2O_3	13.4–29.4–57.2	1840.0	1409
6037	CaO–TiO_2	52.6	1840.0 APP	1521
6038	Cr_2O_3–Fe_2O_3–MgO	25.1–25.1–49.8	1840.0 APP	1682
6039	Cr_2O_3–SiO_2–ZrO_2	21.25–63.75–15	1840.0	980
6040	GeO_2–SrO	31	1840.0	2248
6041	Al_2O_3–SiO_2	67	1840.0	1443
6042	Al_2O_3–SiO_2	67.6	1840.0	862
6043	Al_2O_3–SiO_2	68	1840.0	867
6044	Al_2O_3–BeO	60.1	1850.0	1074
6045	Al_2O_3–SiO_2	68 APP	1850.0	1864

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References	
6046	Al_2O_3–Sm_2O_3	26	1850.0	1284	
6047	Al_2O_3–Yb_2O_3	49.1	1850.0	1718	1803
6048	Al_2O_3–Y_2O_3	40 APP	1850.0 APP	2369	
6049	Al_2O_3–Yb_2O_3	49.1	1850.0	1718	1803
6050	Gd_2O_3–SiO_2	45	1850.0	819	
6051	$MgAl_2O_4$–ZrO_2	NA	1857.0	1003	
6052	Al_2O_3–MgO–ZrO_2	29.6–31.6–38.8	1860.0	1095	
6053	BeO–MgO	69±2	1860.0 ±10	868	
6054	Al_2O_3–Y_2O_3	57.1	1865.0	1407	
6055	Al_2O_3–Y_2O_3	57.3	1865.0	1803	
6056	Al_2O_3–La_2O_3	28.3	1875.0	1803	
6057	Al_2O_3–La_2O_3	26.21	1875.0	1131	
6058	Er_2O_3–GeO_2	40 APP	1875.0	2700	
6059	Al_2O_3–BeO	82.3	1880.0	1074	
6060	CaO–TiO_2	60.5	1880.0 APP	1521	
6061	Cr_2O_3–TiO_2	50	1880.0	2607	
6062	Cr_2O_3–ZrO_2	55	1880.0	980	
6063	SrO–TiO_2	80	1880.0 ±20	3268	
6064	Al_2O_3–Y_2O_3	60 APP	1885.0 APP	2369	
6065	Al_2O_3–ZrO_2	60	1885.0	2309	
6066	BeO–CeO_2	63±3	1890.0 ±20	868	
6067	Al_2O_3–Gd_2O_3	26	1900.0	1284	
6068	Al_2O_3–UO_2	74	1900.0	1984	
6069	CaO–Y_2O_3	(55–60) RANGE	1900.0 APP	1863	
6070	Ce_2O_3–ZrO_2	80 APP	1900.0 APP	2004	
6071	Cr_2O_3–Eu_2O_3	18	1900.0 ±20	2597	
6072	Gd_2O_3–HfO_2	60	1900.0	2429	
6073	Er_2O_3–GeO_2	65	1900.0	2700	
6074	Cr_2O_3–FeO	67.5	1900.0	2946	
6075	CaO–La_2O_3	58	1920.0	1282	
6076	La_2O_3–La_2S_3	80	1920.0	2852	
6077	Al_2O_3–MgO	88.3 APP	1925.0	2309	
6078	Al_2O_3–Sm_2O_3	31.8	1925.0	1718	
6079	Al_2O_3–Y_2O_3	19 APP	1925.0 APP	2369	
6080	Al_2O_3–UO_2	60 APP	1930.0	1984	
6081	Al_2O_3–Y_2O_3	28.1	1940.0	1407	
6082	Al_2O_3–Y_2O_3	30.5	1940.0	1803	
6083	SrO–ZrO_2	3	1950.0	2738	
6084	BeO–CeO_2	57.5 APP	1960.0 APP	1085	
6085	CaO–Sc_2O_3	43	1960.0	1337	1348
6086	La_2O_3–MgO	60	1960.0 APP	1085	
6087	CaO–Ce_2O_3	50	1960.0	2960	
6088	CaO–P_2O_5–SiO_2	74–5.6–20.3	1970.0	863	
6089	La_2O_3–MgO	55 APP	1970.0 APP	1085	
6090	Dy_2O_3–SrO	30	1970.0	2668	
6091	CaO–CeO_2	53.8 APP	1980.0 APP	1085	
6092	Cr_2O_3–Sm_2O_3	20	1980.0 ±20	2597	
6093	Cr_2O_3–Sm_2O_3	20	1980.0 ±30	2017	
6094	MgO–PuO_2	43	1985.0 ±35	929	
6095	Al_2O_3–MgO	32.6	1995.0	1442	
6096	Al_2O_3–MgO	35 APP	2000.0	1483	
6097	Al_2O_3–MgO	85 APP	2000.0	1483	
6098	CaO–TiO_2	71	2000.0 APP	1521	
6099	La_2O_3–MgO	52	2000.0	1863	
6100	La_2O_3–MgO	20 APP	2000.0 APP	1085	
6101	La_2O_3–MgO	52	2000.0 ±20	1139	
6102	La_2O_3–Sc_2O_3	76	2000.0	1337	
6103	MgO–Sm_2O_3	50 APP	2010.0 ±20	2698	

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References	
6104	$CaO-Sc_2O_3$	26.5	2015.0	1337	1348
6105	$CaO-Yb_2O_3$	47	2020.0	1282	1969
6106	$Cr_2O_3-Y_2O_3$	28	2020.0 ±15	2597	
6107	$Cr_2O_3-Y_2O_3$	28	2020.0 ±30	2040	
6108	Al_2O_3-MgO	32.6	2030.0	2566	
6109	Al_2O_3-MgO	33.5 APP	2030.0	2309	
6110	$BeO-ZrO_2$	59±2	2045.0 ±10	868	
6111	$CaO-Gd_2O_3$	67	2050.0	1282	
6112	$Cr_2O_3-Eu_2O_3$	84	2050.0 ±20	2597	
6113	$Cr_2O_3-La_2O_3$	20	2050.0 ±15	2597	
6114	$Cr_2O_3-Sc_2O_3$	63	2050.0 ±30	2597	
6115	$Cr_2O_3-Gd_2O_3$	23	2060.0 ±20	2039	2597
6116	$Cr_2O_3-Nd_2O_3$	24	2060.0 ±30	1453	2597
6117	$Cr_2O_3-Sc_2O_3$	63	2060.0	1907	
6118	$Gd_2O_3-HfO_2$	90	2060.0	2429	
6119	$MgO-Y_2O_3$	48	2060.0 APP	934	
6120	$CaO-SiO_2$	69.2	2065.0	1440	
6121	Cr_2O_3-MgO	90 APP	2070.0	2309	
6122	$Cr_2O_3-Y_2O_3$	80	2070.0 ±30	2040	2597
6123	$MgO-ZrO_2$	49	2070.0	1086	
6124	$Cr_2O_3-La_2O_3$	82	2080.0 ±30	2597	
6125	$Cr_2O_3-Sm_2O_3$	84	2080.0 ±30	2017	2597
6126	$La_2O_3-ZrO_2$	64 APP	2080.0 APP	2004	2126
6127	$MgO-Sc_2O_3$	44	2080.0 APP	934	
6128	$MgO-Y_2O_3$	52	2080.0	1863	
6129	$MgO-Y_2O_3$	52	2080.0 ±30	3267	
6130	$MgO-ZrO_2$	65±3	2080.0 ±10	868	
6131	Dy_2O_3-SrO	59.5 APP	2080.0	2668	
6132	Gd_2O_3-MgO	50 APP	2080.0 ±20	2698	
6133	SiO_2-SrO	23 APP	2080.0 +15	2939	
6134	$Cr_2O_3-ZrO_2$	61	2087.0	2607	
6135	$Al_2O_3-ZrO_2$	49.7	2100.0	1483	
6136	$CaO-Gd_2O_3$	16	2100.0	1282	
6137	$Cr_2O_3-Nd_2O_3$	78	2100.0 ±30	1453	2597
6138	$La_2O_3-ZrO_2$	60 APP	2100.0 APP	1085	
6139	$MgO-UO_2$	75 APP	2100.0	1985	
6140	$Nd_2O_3-ZrO_2$	76 APP	2100.0 APP	2004	2126
6141	$Sc_2O_3-Y_2O_3$	55	2100.0	1347	
6142	$SrO-ZrO_2$	82.6	2100.0	1946	
6143	Dy_2O_3-MgO	50 APP	2100.0 ±20	2698	
6144	$BaO-SiO_2$	50 APP	2100.0 ±15	2939	
6145	$La_2O_3-Sc_2O_3$	26	2110.0	1337	
6146	$Cr_2O_3-Gd_2O_3$	85	2120.0 ±30	2039	2597
6147	$Cr_2O_3-La_2O_3$	22	2130.0 ±30	1140	
6148	$BeO-PuO_2$	66	2135.0	2230	
6149	$MgO-Sc_2O_3$	54	2150.0	1863	
6150	Sc_2O_3-MgO	46	2150.0 ±30	1047	
6151	$CaO-ZrO_2$	68	2150.0	2738	
6152	SiO_2-SrO	27 APP	2150.0 ±15	2939	
6153	$BeO-ThO_2$	70	2155.0 ±5	2062	
6154	$Gd_2O_3-ZrO_2$	77.5 APP	2157.0 ±25	1335	
6155	BeO_2-UO_2	65	2160.0	2230	
6156	$HfO_2-La_2O_3$	35	2160.0 ±30	976	
6157	$Gd_2O_3-ZrO_2$	86	2175.0	2429	
6158	$BeO-ThO_2$	79±1	2175.0 ±8	2795	
6159	$Ce_2O_3-Cr_2O_3$	33 APP	2185.0 APP	1992	
6160	$HfO_2-La_2O_3$	75	2210.0 ±30	976	
6161	$SrO-ZrO_2$	80 APP	2215.0 APP	2738	

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
6162	Sc_2O_3–ThO_2	83	2220.0	1337 1346
6163	SiO_2–ZrO_2	42	2220.0	1178
6164	Cr_2O_3–La_2O_3	76	2230.0 ±30	1140
6165	CeO_2–MgO	26 APP	2235.0 APP	1085
6166	Cr_2O_3–MgO	60 APP	2235.0	2309
6167	Ce_2O_3–Cr_2O_3	68 APP	2240.0 APP	1992
6168	SiO_2–ZrO_2	57	2250.0	1484 2309
6169	Dy_2O_3–SrO	70	2250.0	2668
6170	CeO_2–Cr_2O_3	54 APP	2260.0 APP	1085
6171	SrO–ZrO_2	27	2270.0	1946
6172	Sc_2O_3–UO_2	82	2280.0	1337 1346
6173	Cr_2O_3–MgO	40 APP	2290.0	2309
6174	CaO–ZrO_2	41	2295.0	2738
6175	CeO_2–ZrO_2	60 APP	2300.0 APP	2483
6176	SrO–ZrO_2	25	2300.0	2738
6177	Y_2O_3–ZrO_2	76	2330.0	2617
6178	Y_2O_3–ZrO_2	83.1	2350.0	1598
6179	Cr_2O_3–MgO	65	2355.0	936
6180	CaO–MgO	59.3	2370.0	1446
6181	CeO_2–ZrO_2	53 APP	2390.0 APP	1085
6182	UO_2–UP	12.54	2390.0 ±30	1234
6183	Gd_2O_3–HfO_2	26	2400.0	2429
6184	Mo–UN	78 APP	2400.0 ±20	2736
6185	Sc_2O_3–ZrO_2	52.2 APP	2450.0	2308
6186	UO_2–ZrO_2	47.5	2550.0	2255
6187	UO_2–ZrO_2	50 APP	2550.0 APP	2210 2221
6188	UN–W	100 APP	2700.0 GT	2736
6189	CsI–NaCNS	10.8	280.4	1940
6190	PuF_6–UF_6	NO MINIMUM REPORTED		2099
6191	BaF_2–B_2O_3–KF	NA		2209
6192	BaF_2–B_2O_3–NaF	NA		2209
6193	B_2O_3–LiF–NaF	NA		2184
6194	B_2O_3–NaF	NA		2184
6195	KF–KOH	NA		2133
6196	NaF–NaOH	NA		2133
6197	NaF–Nb_2O_5	NA		2379
6198	NaCl–$WOCl_4$	NA		2467
6199	$CrCl_3$–KCl–VCl_3	NO TERNARY EUTECTIC		2134
6200	$AlCl_3$–$TiCl_4$	NA		2416
6201	$BaCl_2$–$PbCl_2$	SER SOLID SOL		511
6202	$CaCl_2$–$SnCl_2$	NA		156
6203	$CaCl_2$–$ZnCl_2$	NA		156
6204	$CdCl_2$–$MgCl_2$	NA		156
6205	$FeCl_2$–$MgCl_2$	NO MINIMUM REPORTED		1342
6206	$MgCl_2$–$SnCl_2$	NA		156
6207	$NbCl_5$–$PbCl_2$–$TaCl_5$	NA		2563
6208	$NbCl_5$–$SbCl_3$	NA		2328
6209	$NbCl_5$–$TiCl_4$	NA		2416
6210	$NbCl_5$–VCl_4	NA		2328
6211	$PbCl_2$–$SrCl_2$	SER SOLID SOL W/O MINIMUM		511
6212	$PbCl_2$–$TaCl_5$	NA		2563
6213	$SbCl_3$–$TaCl_5$	NA		2328
6214	$SnCl_2$–TlCl	NA		2431
6215	$TaCl_5$–$TiCl_4$	NA		2416
6216	$TaCl_5$–VCl_4	NA		2328
6217	$CdBr_2$–$CdCl_2$	NA		1676
6218	InAs–NaCl	NOT A EUTECTIC SYSTEM		2332
6219	AlI_3–RbI	NA		2284

TABLE 1. Eutectic data—Continued

Locator number	System	Mol %	T, °C	References
6220	AlI_3–GaI_3	NA	2289	
6221	GaI_3–InI_3	NA	2289	
6222	Al_2O_3–BeO–SiO_2	NA	2397	
6223	Al_2O_3–Na_2O	70	972	
6224	Al_2O_3–Na_2O	95	972	
6225	Al_2O_3–Nd_2O_3–Y_2O_3	NA	2491	
6226	BeO–PuO_2–UO_2	NA	2230	
6227	Bi_2O_3–Fe_2O_3–Mn_2O_3	NA	2398	
6228	B_2O_3–Nb_2O_5	NA	1841	
6229	FeO–Fe_2O_3–SiO_2–ZrO_2	NA	2044	
6230	Ga_2O_3–In_2O_3	NA	2531	
6231	HfO_2–ZrO_2	NA	2346	
6232	La_2O_3–WO_3	NA	1956	
6233	Nb_2O_5–Sb_2O_3	NA	2396	
6234	PuO_2–UO_2	NA	2230	2247 2314
6235	$LiTiO_2$–TiO	NA	2395	
6236	Li_2SiO_3–SiO_2	NA	2412	
6237	$NaNbO_3$–Nb_2O_5	NA	2379	
6238	$NaVO_3$–V_2O_5	NA	2415	
6239	Ag_2S–SiS_2	NA	2132	
6240	Ba_2S–GeS_2	NA	2383	
6241	Cu_2S–SiS_2	NA	2132	
6242	Bi_2S_3–Sb_2Se_3	NA	1883	
6243	Ag_2SO_4–Na_2SO_4	NO MINIMUM REPORTED	2115	
6244	K_2SO_4–Li_2SO_4–Na_2SO_4	14–79–7 APP	2499	
6245	$NaNO_3$–Rb_2SO_4	NA	2529	
6246	K_2CO_3–K_2SO_4	NA	2361	
6247	Li_2CO_3–Na_2CO_3	NA	2492	
6248	Fe_2SiO_4–Zn_2SiO_4	NA	1824	
6249	$BaSiO_3$–$BaGeO_3$	NA	2302	
6250	Sr_2GeO_4–Sr_2SiO_4	NA	2408	
6251	K_2CrO_4–K_2WO_4	SER SOLID SOL	2501	
6252	K_2MoO_4–K_2WO_4	SER SOLID SOL	2501	
6253	Li_2WO_4–$Y_2(WO_4)_3$	NA	2473	
6254	$NaNd(WO_4)_2$–$SrWO_4$	NA	1990	
6255	Na_2WO_4–$Nd_2(WO_4)_3$–$SrWO_4$	NA	2441	
6256	$Na_2W_2O_7$–$SrWO_4$	100 APP	1945	
6257	$Nd_2(WO_4)_3$–$SrWO_4$	NA	1990	
6258	YbSe–Yb_2S_3	NA	2381	
6259	$PbMoO_4$–$ZnMoO_4$	NOT A EUTECTIC SYSTEM	2611	
6260	$CdCl_2$–$CdSeO_3$	NOT A EUTECTIC SYSTEM	2612	
6261	CsBr–$CsNO_3$	SER SOLID SOL	2615	
6262	$AlCl_3$–$GaCl_2$–$GaAlCl_4$	SER SOLID SOL	2629	
6263	K_2TiF_6–Na_2TiF_6	SER SOLID SOL	2630	
6264	$AlBr_3$–AlI_3	SER SOLID SOL	2636	
6265	CoF_2–MnF_2	SER SOLID SOL	2665	
6266	MnF_2–NiF_2	SER SOLID SOL	2665	
6267	$KClO_4$–KNO_3	SER SOLID SOL	2782	
6268	$CaTiO_3$–La_2TiO_5	SER SOLID SOL	2799	
6269	$PuCl_3$–UCl_3	SER SOLID SOL	2842	
6270	KNO_3–$RbNO_3$	SER SOLID SOL	2900	
6271	RbBr–$RbNO_3$	SER SOLID SOL	2900	

Compound	Locator number							Compound	Locator number						
AgBr	616	921	1090	1102	1106	1250	1303	AlF_3	3439	3453	3478	3650	3781	3893	3967
AgBr	1359	1360	1412	1419	1442	1451	1531	AlF_3	4217	4302	4317	4348	4390	4481	4483
AgBr	1619	1720	1861	2043	2280			AlF_3	4485	4509	4510	4535	4545	4553	4583
AgCl	199	353	410	484	487	495	643	AlF_3	4635	4636	4645	4661	4685	4695	4696
AgCl	644	720	749	817	818	843	982	AlF_3	4714	4717	4718	4719	4725	4746	4868
AgCl	989	999	1030	1039	1052	1137	1142	AlF_3	5098	5203	5236	5257	5260	5266	5352
AgCl	1173	1194	1208	1229	1231	1237	1241	AlF_3	5377	5388	5389	5390	5393	5394	5395
AgCl	1262	1263	1269	1301	1304	1345	1361	AlF_3	5396	5522	5558				
AgCl	1418	1440	1550	1554	1561	1565	1582	AlI_3	250	284	294	315	337	342	359
AgCl	1591	1608	1614	1615	1620	1636	1643	AlI_3	376	382	396	417	454	472	473
AgCl	1653	1695	1724	1770	1880	1881	1965	AlI_3	474	503	511	513	540	555	640
AgCl	1991	2015	2016	2035	2063	2095	2280	AlI_3	662	821	869	891	964	1027	1085
AgCl	2334	2335	2369	2397	2421	2426	2427	AlI_3	1141	1175	1176	6219	6220	6264	
AgCl	2439	2468	2477	2484	2491	2504	2509	$Al(NO_3)_3 \cdot 9H_2O$	112	149					
AgCl	2537	2805						Al_2O_3	3159	3404	3405	3812	3813	4195	4201
AgCN	1450	2326						Al_2O_3	4257	4286	4287	4400	4481	5377	5428
Ag_2CrO_4	1770	1880	1881	2266				Al_2O_3	5438	5456	5468	5522	5523	5526	5545
AgF	2025	3994						Al_2O_3	5554	5641	5655	5657	5691	5702	5704
AgI	203	215	237	290	297	306	344	Al_2O_3	5706	5708	5715	5727	5728	5735	5743
AgI	487	541	603	784	882	887	915	Al_2O_3	5756	5761	5762	5773	5774	5787	5795
AgI	953	996	999	1030	1162	1173	1188	Al_2O_3	5802	5803	5815	5817	5837	5839	5842
AgI	1197	1212	1224	1301	1304	1421	1666	Al_2O_3	5843	5849	5850	5882	5887	5888	5899
AgI	1678	2043	2098	2265	2748	2954		Al_2O_3	5900	5909	5926	5927	5931	5933	5944
$AgIO_3$	203	604						Al_2O_3	5951	5968	5969	5983	5984	5985	5986
$AgNO_3$	203	215	216	218	219	264	290	Al_2O_3	5987	5992	5993	5994	5999	6000	6001
$AgNO_3$	297	300	306	307	325	335	344	Al_2O_3	6004	6005	6009	6010	6011	6012	6020
$AgNO_3$	353	378	411	438	452	488	530	Al_2O_3	6021	6022	6023	6024	6025	6031	6032
$AgNO_3$	580	604	616	643	644	660	693	Al_2O_3	6035	6036	6041	6042	6043	6044	6045
$AgNO_3$	715	720	731	749	928	930	956	Al_2O_3	6046	6047	6048	6049	6052	6054	6055
$AgNO_3$	965	966	975	987				Al_2O_3	6056	6057	6059	6064	6065	6067	6068
$AgPO_3$	2676	2677	2681	2877				Al_2O_3	6077	6078	6079	6080	6081	6082	6095
Ag_2S	2015	2035	2136	2486	2510	6239		Al_2O_3	6096	6097	6108	6109	6135	6222	6223
Ag_2Se	2959	3806	4281	4398				Al_2O_3	6224	6225					
Ag_2SO_4	237	541	1250	1422	1440	1550	1554	AlOCl	469	1793					
Ag_2SO_4	1561	1667	2294	2703	2878	2933	3008	$Al_2(SO_4)_3$	4098						
Ag_2SO_4	3134	3372	3585	6243				$Al_2(WO_4)_3$	5684						
Ag_2Te	2016							$AsBr_3$	25	41	72	88	93	95	
$AgVO_3$	1963	2008	2209	2294	2348	2574	2622	$AsBr_5$	26						
Ag_2WO_4	2095	3134	3333	3397	3622			$AsCl_3$	43	53					
$AlBr_3$	37	55	83	84	93	95	131	AsI_3	382	439	442	446			
$AlBr_3$	142	147	179	183	193	220	240	As_2S_3	1484	1560	2337	2715	3784	4607	
$AlBr_3$	247	274	301	496	582	844	1289	As_2Se_3	1164	1228	1385				
$AlBr_3$	1318	1735	1743	6264				As_2Te_3	1385						
$AlCl_3$	42	65	100	125	126	136	143	$Ba(BH_4)_2$	50	119					
$AlCl_3$	166	167	168	170	172	183	188	$Ba(BO_2)_2$	5108	5504	5505	5607	5610	5615	5622
$AlCl_3$	190	191	194	198	209	229	232	$Ba(BO_2)_2$	5638						
$AlCl_3$	234	239	244	245	249	262	263	$BaBr_2$	2292	2525	2771	2772	2964	3702	3730
$AlCl_3$	268	272	273	283	286	291	292	$BaBr_2$	3739	3790	3803	4841	5158	5237	
$AlCl_3$	293	311	312	319	322	323	324	$BaCl_2$	126	200	793	950	1574	1646	1647
$AlCl_3$	336	342	343	350	357	360	361	$BaCl_2$	1810	1992	1995	1996	2021	2074	2124
$AlCl_3$	365	366	367	368	369	370	379	$BaCl_2$	2176	2191	2287	2306	2317	2325	2364
$AlCl_3$	380	381	387	389	395	407	408	$BaCl_2$	2413	2414	2440	2447	2480	2515	2521
$AlCl_3$	412	413	416	424	425	433	440	$BaCl_2$	2533	2551	2569	2611	2672	2706	2728
$AlCl_3$	441	450	480	483	489	491	497	$BaCl_2$	2737	2823	2828	2868	2876	2943	2950
$AlCl_3$	498	499	500	506	507	508	531	$BaCl_2$	2986	2987	3001	3009	3013	3031	3048
$AlCl_3$	533	548	558	570	581	586	595	$BaCl_2$	3051	3137	3158	3161	3180	3183	3202
$AlCl_3$	606	632	635	636	665	666	667	$BaCl_2$	3245	3246	3247	3254	3283	3293	3296
$AlCl_3$	668	696	698	699	724	748	756	$BaCl_2$	3308	3310	3318	3366	3379	3391	3406
$AlCl_3$	773	774	793	802	831	837	838	$BaCl_2$	3462	3482	3529	3574	3610	3685	3711
$AlCl_3$	867	870	871	883	896	916	961	$BaCl_2$	3740	3881	3885	3886	3893	3901	3916
$AlCl_3$	967	983	998	1059	1134	1167	1221	$BaCl_2$	3948	3950	3954	3956	3974	3975	3984
$AlCl_3$	1227	1617	1742	1755	1763	1818	1821	$BaCl_2$	3990	4018	4033	4036	4073	4076	4089
$AlCl_3$	6200	6262						$BaCl_2$	4092	4132	4146	4154	4161	4162	4163

Compound	Locator number						
$BaCl_2$	4164	4166	4171	4186	4187	4217	4218
$BaCl_2$	4219	4220	4223	4238	4243	4251	4252
$BaCl_2$	4265	4381	4412	4472	4500	4611	4638
$BaCl_2$	4700	4769	4838	5046	5110	5111	5164
$BaCl_2$	5175	5178	5188	5210	5267	5288	5291
$BaCl_2$	5297	5321	5322	5347	5352	5368	5369
$BaCl_2$	5413	5420	5475	5476	5480	5486	6201
$Ba(ClO_4)_2$	1587	1600	1612	2113			
$BaCO_3$	3418	3422	3881	3886	3984	3990	4491
$BaCO_3$	4492	4564	4838	4839	5178	5188	5189
$BaCO_3$	5321						
BaF_2	1336	2325	2682	3051	3211	3411	3518
BaF_2	3722	3746	3772	3815	3916	3923	3979
BaF_2	3995	4018	4023	4038	4154	4216	4226
BaF_2	4246	4265	4307	4322	4344	4352	4429
BaF_2	4476	4496	4514	4578	4617	4638	4662
BaF_2	4670	4671	4700	4732	4762	4769	4796
BaF_2	4797	4816	4845	4857	4865	4902	4905
BaF_2	4912	4913	4919	4926	4970	4975	4976
BaF_2	5000	5001	5046	5051	5142	5156	5158
BaF_2	5180	5183	5213	5227	5253	5267	5288
BaF_2	5320	5334	5369	5380	5392	5437	5444
BaF_2	5448	5475	5480	5486	5506	5516	5517
BaF_2	5532	5565	5595	5601	5618	5623	5640
BaF_2	5801	6191	6192				
BaFCl	4155						
$BaGeO_3$	6249						
BaH_2	4372						
BaI_2	2452	2526	2711	4276	4352	4541	
$BaMoO_4$	2605	2606	3953	4420	4810	4811	4936
$BaMoO_4$	4937	5516	5658				
Ba_3N_2	3803	4276	4541	5164	5237	5322	
$BaNb_2O_6$	4451						
$Ba(NO_3)_2$	163	164	212	256	260	281	317
$Ba(NO_3)_2$	605	629	648	670	687	687	797
$Ba(NO_3)_2$	806	828	859	959	965	966	1021
$Ba(NO_3)_2$	1070	1117	1206	1225	1235	1239	1243
$Ba(NO_3)_2$	1243	1244	1257	1257	1259	1297	1312
$Ba(NO_3)_2$	1380	1425	1426	1427	1428	1472	1482
$Ba(NO_3)_2$	1506	2208	2876	2912	2929	2964	3312
BaO	4100	5413	5450	5470	5477	5661	5666
BaO	5688	5695	5697	5739	5742	5744	5757
BaO	5760	5765	5776	5778	5779	5781	5782
BaO	5792	5793	5807	5818	5820	5821	5822
BaO	5824	5857	5867	5880	5917	5918	5928
BaO	5929	5966	5970	6144			
$Ba(PO_3)_2$	3078	4380	5080	5092	5246	5351	
Ba_2S	6240						
Ba_2SiO_4	5490	5542	5547	6002	6028		
$Ba_5Si_8O_{21}$	5538						
$BaSiO_3$	4757	5548	5606	5640	6249		
$BaSO_4$	1186	1225	1544	2429	2636	2723	2733
$BaSO_4$	3178	3312	3761	3852	3868	3885	3903
$BaSO_4$	3954	3956	3964	3974	3988	4019	4076
$BaSO_4$	4311	4490	4885	4986	5339	5340	5368
$BaSO_4$	5441	5442	5517	5587	5588	5592	
$BaTiO_3$	2914	3557	3837	3940	3941	3950	5178
$BaTiO_3$	5179	5187	5252	5294	5304	5344	5355
$BaTiO_3$	5416	5429	5476	5489	5508	5569	5617
BaV_2O_6	3502	4199	4451				
$BaWO_4$	3876	4422	4460	4902	5347	5565	
BBr_3	15	19	24	26	28	29	37
BCl_3	3	4	5	226			

Compound	Locator number						
$BeCl_2$	59	153	272	874	979	990	1029
$BeCl_2$	1032	1137	1142	1210	1338	1367	1455
$BeCl_2$	1460	1461	1485	1512	1525	1528	1533
$BeCl_2$	1534	1563	1581	1583	1589	1712	1716
$BeCl_2$	1803	1848	1855	1866	1889	1932	1933
$BeCl_2$	1975	1986	1992	1995	2678	2732	3130
$BeCl_2$	3131	3353	3492				
BeF_2	1563	1645	1711	1784	1786	1787	1788
BeF_2	1817	1825	1832	1849	1890	1891	1935
BeF_2	1948	2109	2183	2360	2487	2507	2512
BeF_2	2565	2566	2639	2725	2792	2861	2984
BeF_2	3099	3117	3119	3179	3239	3346	3374
BeF_2	3527	3528	3715	3722	3794	4587	4627
BeF_2	4975	5023	5383	5448			
BeO	4927	5410	5713	5794	5879	5944	5959
BeO	6009	6031	6044	6053	6059	6066	6084
BeO	6110	6148	6153	6158	6222	6226	
BeO_2	6155						
$BeSO_4$	5019						
BF_3	1	2	6				
Bi	1340						
$BiBr_3$	496	727	913	946	954		
$BiCl_3$	173	322	463	480	481	497	509
$BiCl_3$	565	593	594	606	614	618	635
$BiCl_3$	677	697	712	716	724	727	779
$BiCl_3$	818	841	842	850	861	877	924
$BiCl_3$	955	960	1025	1033	1046	1054	1115
$BiCl_3$	1191	1920	3498				
BiI_3	110	669	785	1205			
$Bi_2(MoO_4)_3$	3860						
Bi_2O_3	2388	3476	3687	3718	3731	3742	3743
Bi_2O_3	3804	3883	3934	4007	4053	4068	4312
Bi_2O_3	4439	4502	4552	4561	4565	4574	4595
Bi_2O_3	4659	4675	4978	5083	5101	5123	5132
Bi_2O_3	5145	5229	5241	5254	5348	5373	5463
Bi_2O_3	5518	5709	6227				
BiOI	390						
Bi_2S_3	3738	4808	6242				
Bi_2Se_3	3806	4398					
Bi_2Te_3	2961	3272	3450	3477	3485		
$Bi_2(WO_4)_3$	5185						
B_2O_3	1698	2268	2534	2753	2790	3006	3080
B_2O_3	3233	3234	3689	3778	3914	3919	3934
B_2O_3	4231	4312	4530	4565	4574	4596	4612
B_2O_3	4659	4676	4779	4812	4815	4905	5029
B_2O_3	5038	5042	5064	5073	5090	5138	5247
B_2O_3	5320	5334	5469	5531	5537	5752	5766
B_2O_3	5811	5883	5925	6191	6192	6193	6194
B_2O_3	6228						
Br_2	41	51	54	55			
$CaAl_2O_4$	5898	5932					
$CaAl_4O_7$	5907	5932	5971				
$Ca_2Al_2SiO_7$	5898	5901	5907				
$Ca_3Al_6ZrO_{16}$	5872						
$Ca(BO_2)_2$	5259	5607	5610	5622			
$CaBr_2$	1282	1337	1598	2171	2201	2292	2867
$CaBr_2$	3018	3028	3235	3236	3260	3265	3426
$CaBr_2$	3428	3504	3563	3624	3853	3915	
$CaCl_2$	86	92	115	206	267	1161	1597
$CaCl_2$	1655	1744	1789	1889	1988	2021	2048
$CaCl_2$	2074	2100	2111	2119	2124	2174	2191
$CaCl_2$	2215	2245	2295	2302	2307	2317	2322
$CaCl_2$	2342	2364	2365	2414	2432	2446	2447

Compound	Locator number						
$CaCl_2$	2448	2484	2504	2514	2515	2530	2532
$CaCl_2$	2551	2571	2573	2576	2592	2594	2595
$CaCl_2$	2642	2654	2704	2705	2716	2727	2728
$CaCl_2$	2737	2742	2743	2759	2782	2786	2806
$CaCl_2$	2820	2824	2828	2838	2845	2856	2862
$CaCl_2$	2871	2881	2902	2903	2956	2963	3009
$CaCl_2$	3040	3045	3077	3085	3118	3122	3158
$CaCl_2$	3163	3180	3183	3202	3218	3219	3240
$CaCl_2$	3245	3274	3293	3300	3308	3318	3329
$CaCl_2$	3376	3392	3400	3406	3429	3462	3481
$CaCl_2$	3482	3493	3508	3519	3548	3549	3560
$CaCl_2$	3567	3583	3599	3601	3610	3616	3629
$CaCl_2$	3631	3638	3671	3676	3685	3691	3692
$CaCl_2$	3698	3710	3711	3727	3737	3753	3754
$CaCl_2$	3762	3763	3796	3799	3815	3824	3828
$CaCl_2$	3833	3846	3857	3859	3880	3888	3924
$CaCl_2$	3930	3948	3949	3955	4000	4005	4016
$CaCl_2$	4058	4090	4091	4093	4107	4112	4121
$CaCl_2$	4134	4136	4150	4239	4285	4289	4296
$CaCl_2$	4332	4418	4563	4628	4634	4650	4704
$CaCl_2$	4705	4826	4841	4860	4961	5015	5144
$CaCl_2$	5457	6202	6203				
$Ca(ClO_4)_2$	922	1101	1335	1612	1929		
$CaCO_3$	3496	3532	3930	4213	4300	5036	5125
$CaCO_3$	5370						
$CaCrO_4$	1693	1771	1812	3025	3127	3204	3493
$CaCrO_4$	3508	4202	4203	4285	4289	4339	4383
$CaCrO_4$	4878						
CaF_2	1779	2475	2514	2616	2640	2683	2698
CaF_2	2717	2782	2817	2820	2841	2842	2861
CaF_2	2963	3009	3180	3202	3245	3496	3560
CaF_2	3628	3746	3772	3782	3995	4045	4121
CaF_2	4154	4181	4227	4297	4330	4353	4373
CaF_2	4402	4403	4429	4461	4476	4513	4538
CaF_2	4579	4621	4638	4646	4662	4670	4700
CaF_2	4726	4800	4857	4867	4948	4949	4968
CaF_2	4971	4974	5007	5026	5027	5028	5046
CaF_2	5051	5056	5057	5058	5069	5110	5111
CaF_2	5142	5157	5172	5198	5199	5200	5236
CaF_2	5277	5369	5370	5456	5457	5468	5475
CaF_2	5479	5491	5496	5497	5507	5510	5511
CaF_2	5551	5572	5575	5595	5618	5625	5626
CaF_2	5629	5631	5634	5651	5664	5665	5671
CaF_2	5672	5673	5675	5683	5689	5690	5706
CaF_2	5712	5721	5728	5729	5735	5738	5755
CaF_2	5756	5761	5762	5770	5800	5806	5809
CaF_2	5810	5817	5882	5910	5912	5941	
$CaFeSiO_4$	5692	5696					
$CaF_2Na_3AlF_6$	5493						
Ca_2GeO_4	6015	6016					
CaH_2	3844						
CaI_2	3300	4078	4330				
$CaKCl_3$	4383						
$CaMg(SiO_3)_2$	5769						
$CaMgSiO_4$	5845						
$CaMoO_4$	3559	3910	4793	4860	4935	5071	5720
Ca_3N_2	3853	4078	4705				
$CaNaPO_4$	4197						
$CaNb_2O_6$	5805						
$Ca(NO_3)_2$	89	107	112	248	257	259	321
$Ca(NO_3)_2$	340	346	388	426	435	520	528
$Ca(NO_3)_2$	535	543	551	552	559	561	609
$Ca(NO_3)_2$	628	629	650	671	671	675	690
$Ca(NO_3)_2$	703	720	758	759	789	822	834
$Ca(NO_3)_2$	892	904	923	928	939	947	948
$Ca(NO_3)_2$	971	972	1008	1019	1067	1076	1092
$Ca(NO_3)_2$	1118	1127	1139	1146	1150	1151	1200
$Ca(NO_3)_2$	1214	1259	1309	1319	1443	1644	1661
$Ca(NO_3)_2$	1884	2114	2114	2176	2215	2455	2484
$Ca(NO_3)_2$	2866	2912	2929	2983	3025		
CaO	2749	3652	3676	3838	4182	4780	4814
CaO	4826	4870	4961	5144	5407	5483	5534
CaO	5566	5664	5665	5671	5672	5674	5677
CaO	5678	5680	5686	5693	5698	5704	5706
CaO	5708	5712	5718	5722	5724	5735	5741
CaO	5749	5751	5753	5758	5761	5763	5788
CaO	5791	5795	5800	5808	5809	5810	5815
CaO	5829	5839	5840	5858	5859	5864	5868
CaO	5871	5874	5875	5882	5884	5885	5889
CaO	5904	5910	5912	5915	5923	5926	5949
CaO	6005	6026	6037	6060	6069	6075	6085
CaO	6087	6088	6091	6098	6104	6105	6111
CaO	6120	6136	6151	6174	6180		
$2CaO \cdot Fe_2O_3$	5823						
$Ca(OH)_2$	3496	4213	4353	5216			
$Ca(PO_3)_2$	2681	4169	4468	4473	5246	5251	5351
$Ca(PO_3)_2$	5364	5957					
$Ca_2P_2O_7$	4850	5443	5515				
$Ca_3(PO_4)_2$	4197	5721	5831	5848	5906	5941	
$CaSiO_3$	5015	5689	5690	5831	5848	5951	6007
Ca_2SiO_4	5216	5665	5672	5675	5846	5847	5940
Ca_2SiO_4	5942	5952	5965	5991	5998	6002	6003
Ca_2SiO_4	6015	6028	6029				
$CaSO_4$	1721	2414	2530	2651	2786	2787	3022
$CaSO_4$	3034	3171	3264	3326	3462	3549	3754
$CaSO_4$	3768	3903	4039	4125	4224	4311	4396
$CaSO_4$	4495	4500	4559	4650	4704	4745	4750
$CaSO_4$	4777	4787	5045	5283	5339	5340	5341
$CaSO_4$	5342	5349	5362	5363	5374	5381	5400
$CaSO_4$	5432	5446	5507	5515	5592		
$CaTiO_3$	6008	6018	6268				
$Ca(VO_3)_2$	2944	3024	3483	4114			
$CaWO_4$	3639	4965	5127				
$CaZn_2(PO_4)_2$	5403						
$CaZrO_3$	5953						
$CaZr(PO_4)_2$	5710						
CCl_4	47						
Cd_3As_2	3926						
$Cd(BO_2)_2$	5108	5259	5315	5504			
$CdBr_2$	1110	1247	1366	1382	1383	1401	1405
$CdBr_2$	1431	1457	1458	1465	1478	1479	1492
$CdBr_2$	1493	1504	1509	1520	1543	1545	1553
$CdBr_2$	1558	1576	1588	1601	1621	1628	1657
$CdBr_2$	1658	1676	1709	1725	1726	1736	1782
$CdBr_2$	1798	1824	1828	1829	1856	1860	1923
$CdBr_2$	1930	1934	1939	1950	1951	1952	1953
$CdBr_2$	1981	1999	2012	2060	2067	2068	2082
$CdBr_2$	2107	2118	2141	2150	2199	2206	2228
$CdBr_2$	2320	2441	2469	3299	6217		
$Cd(C_2H_3O_2)_2$	682	769	881				
$CdCl_2$	128	910	984	1016	1111	1129	1194
$CdCl_2$	1272	1285	1286	1317	1325	1333	1358
$CdCl_2$	1409	1418	1435	1437	1438	1441	1476
$CdCl_2$	1483	1486	1496	1497	1501	1515	1516
$CdCl_2$	1524	1539	1599	1649	1650	1669	1681
$CdCl_2$	1685	1686	1691	1705	1712	1716	1718

Compound	Locator number							Compound	Locator number						
$FeCl_3$	593	596	621	625	712	716	755	GeO_2	4854	4871	4872	5053	5084	5094	5095
$FeCl_3$	767	775	776	792	883	889	897	GeO_2	5102	5241	5373	5424	5464	5472	5501
$FeCl_3$	920	925	951	976	991	992	1020	GeO_2	5518	5584	5600	5613	5633	5653	5655
$FeCl_3$	1055	1057	1071	1135	1143	1169	1215	GeO_2	5656	5666	5676	5679	5699	5739	5741
$FeCl_3$	1216	1291	1495	1517	1526	1527	1594	GeO_2	5744	5749	5754	5758	5829	5830	5966
FeF_2	1336	4816	5272					GeO_2	5970	5976	5997	6026	6040	6058	6073
FeF_3	5272	5401						GeS_2	6240						
FeI_2	832							GeSe	4012	4099					
$FeMoO_4$	4631							GeTe	3679	4012					
FeO	5414	5652	5674	5677	5678	5680	5698	HF	34	80	113	258	599	1112	
FeO	5705	5707	5759	5773	5774	5783	5804	$HfCl_4$	194	198	413	440	491	533	725
FeO	5826	5837	5838	5861	5984	5985	6074	$HfCl_4$	813	837	870	1133	1167	1192	1527
FeO	6229							$HfCl_4$	1541	1728	3214	3633	3752		
Fe_2O_3	3349	3607	3723	3818	3989	4521	4531	HfF_4	2202	2297	2298	2894	3201	4426	4988
Fe_2O_3	4806	5083	5146	5677	5698	5704	5708	HfF_4	4989	5008					
Fe_2O_3	5750	5767	5776	5784	5792	5793	5795	HfO_2	5731	5752	5854	5894	5936	6072	6118
Fe_2O_3	5797	5812	5813	5818	5827	5861	5865	HfO_2	6156	6160	6183	6231			
Fe_2O_3	5869	5876	5877	5878	5890	5924	5938	$HgBr_2$	143	235	510	661	685	740	1123
Fe_2O_3	6038	6227	6229					$HgBr_2$	1124	1154					
Fe_3O_4	5866	5895	5934					HgCl	1229						
FeS	2788	3734	4096	4097	4196	4558	5256	$HgCl_2$	134	176	410	470	550	579	750
FeS	5316	5323	5415	5467	5694			$HgCl_2$	803	809	839	850	857	862	884
Fe_2SiO_4	5668	5669	6248					$HgCl_2$	890	945	977	1081	1155	1300	1305
$Fe_2(SO_4)_3$	2643	3420	3908					$HgCl_2$	1308	1345	1369	1375	1391		
$FeWO_4$	4758							HgI	1098						
Ga	243	612						HgI_2	216	264	296	325	396	399	410
$GaAlCl_4$	357	6262						HgI_2	439	453	454	484	487	495	514
GaAs	4655							HgI_2	550	567	571	579	583	858	1098
$GaBr_3$	148	165	180	214	235	243	277	HgI_2	1107	1197	1198	1205	1212		
$GaBr_3$	282	364	612	852				HgS	4410						
$GaCl_2$	125	158	166	229	6262			$HgSO_4$	1154	1155	1198				
$GaCl_3$	27	46	47	57	58	69	103	H_2O	81	82	86	87	90	91	92
$GaCl_3$	104	105	121	122	125	127	128	H_2O	102	108	115	129	130	174	178
$GaCl_3$	132	133	134	138	140	145	150	H_2O	207	222	223	254	267		
$GaCl_3$	152	153	154	158	159	166	169	$HoCl_3$	2253	2332	2553	3382	4310		
$GaCl_3$	172	173	176	187	188	190	191	HoF_3	4235	4301	5485	5524			
$GaCl_3$	192	195	197	199	200	201	202	H_3PO_4	177						
$GaCl_3$	206	208	242	287	565	631	934	$H_4P_2O_7$	251						
$GaCl_3$	980	1063	1072	1439	2019			ICl	73	74	79	85			
GaI_3	278	338	391	397	398	442	512	InAs	3458	5325	6218				
GaI_3	514	516	517	527	560	589	637	$InBr_3$	147	647	909	914	1185	1290	2212
GaI_3	741	784	785	786	787	832	833	$InBr_3$	2392						
GaI_3	899	902	970	985	6220	6221		InCl	494	499	549	681	831	896	910
Ga_2O_3	4629	5336	5751	5788	5824	5851	5871	InCl	912						
Ga_2O_3	5880	5905	5919	5938	5979	6230		$InCl_2$	983	1086	1230	2092			
Ga_2S_3	2714	3738	4873	5006				$InCl_3$	195	197	1040	1115	1268	1270	1271
GaS	4873	5406						$InCl_3$	1308	1343	1356	1456	1594	1626	1627
GaSb	4655							$InCl_3$	1724	1942	1965	1991	2003	2093	2162
GaSe	4933	4982	5406					$InCl_3$	2163	2306	2354	2720	2829	3073	3103
Ga_2Se_3	3190	4934	5454	5482				$InCl_3$	3343	4623					
Ga_2Te_3	3477	4933	4934	4982	5006			In_2Cl_3	1059	1524					
GaTe	4232							InI	540	869	887				
$GdCl_3$	2130	2147	2857	3217	4488			InI_2	503	659	993	996	1044	1066	1082
GdF_3	4698	5601	5623	5628	5738			InI_2	1095						
$GdFeO_3$	5861							InI_3	295	296	339	383	390	392	415
Gd_2O_3	5869	5879	5908	5978	5986	6019	6050	InI_3	431	446	447	515	669	807	845
Gd_2O_3	6067	6072	6111	6115	6118	6132	6136	InI_3	879	6221					
Gd_2O_3	6146	6154	6157	6183				In_2O_3	6230						
$Gd_2(WO_4)_3$	4603	5711						In_2S_3	1484	4017	4783				
$GeBr_4$	28	52						InSb	2965						
$GeCl_4$	3	19	23	27	30	31		InTe	2965						
GeI_4	391	447						In_2Te_3	3450	3485					
GeO_2	4630	4643	4677	4678	4792	4807	4830	$In_2(WO_4)_3$	4284	4848					

Compound	Locator number							Compound	Locator number						
$LiCHO_2$	1184							LiF	1849	1890	1891	1949	2190	2239	2283
$LiC_2H_3O_2$	185	429	432	478	479	486	493	LiF	2349	2360	2379	2380	2381	2396	2401
$LiC_2H_3O_2$	501	553	577	623	624	630	639	LiF	2423	2434	2435	2454	2463	2474	2475
$LiC_2H_3O_2$	653	752	800	848	851	885	886	LiF	2480	2488	2489	2498	2499	2500	2501
$LiC_2H_3O_2$	936	1009	1037	1049	1050	1065	1073	LiF	2502	2512	2513	2531	2543	2548	2550
$LiC_2H_3O_2$	1093	1152	1153	1163	1178	1184	1209	LiF	2564	2565	2566	2572	2584	2589	2590
$LiC_2H_3O_2$	1211							LiF	2593	2616	2623	2627	2641	2655	2662
LiCl	138	232	332	334	348	349	360	LiF	2664	2665	2682	2683	2686	2717	2718
LiCl	387	395	736	782	861	924	960	LiF	2726	2734	2736	2739	2758	2768	2773
LiCl	1022	1117	1118	1132	1157	1169	1204	LiF	2774	2783	2784	2791	2798	2799	2802
LiCl	1215	1216	1227	1231	1232	1287	1292	LiF	2808	2817	2818	2819	2839	2840	2880
LiCl	1302	1307	1309	1316	1324	1327	1348	LiF	2934	2937	2966	2974	3065	3082	3109
LiCl	1365	1369	1375	1381	1389	1390	1399	LiF	3141	3164	3181	3182	3213	3256	3310
LiCl	1402	1411	1447	1448	1452	1470	1471	LiF	3360	3373	3438	3451	3452	3463	3464
LiCl	1490	1494	1499	1512	1533	1544	1564	LiF	3478	3486	3489	3532	3534	3571	3586
LiCl	1574	1575	1581	1584	1596	1597	1603	LiF	3598	3630	3650	3680	3705	3713	3719
LiCl	1609	1610	1616	1624	1629	1635	1646	LiF	3746	3748	3749	3771	3782	3785	3786
LiCl	1647	1648	1662	1669	1670	1680	1685	LiF	3870	3923	3927	3936	3946	3992	4021
LiCl	1687	1701	1707	1708	1717	1721	1727	LiF	4038	4065	4081	4082	4122	4144	4155
LiCl	1744	1745	1746	1748	1753	1765	1766	LiF	4159	4176	4177	4181	4204	4205	4216
LiCl	1768	1771	1775	1779	1789	1796	1800	LiF	4262	4265	4307	4338	4350	4359	4368
LiCl	1806	1808	1810	1811	1812	1819	1833	LiF	4373	4402	4416	4432	4466	4475	4478
LiCl	1834	1838	1840	1841	1857	1858	1863	LiF	4482	4506	4508	4514	4535	4538	4555
LiCl	1864	1869	1870	1875	1876	1877	1878	LiF	4567	4572	4582	4610	4635	4636	4642
LiCl	1885	1894	1908	1912	1940	1964	2021	LiF	4645	4646	4647	4648	4661	4662	4671
LiCl	2042	2044	2074	2078	2083	2096	2097	LiF	4673	4685	4692	4695	4717	4718	4719
LiCl	2103	2105	2123	2124	2146	2155	2156	LiF	4722	4725	4732	4746	4762	4840	4846
LiCl	2173	2187	2191	2192	2196	2213	2245	LiF	4867	4886	4887	4892	4893	4896	4905
LiCl	2273	2284	2286	2325	2336	2342	2374	LiF	4912	4913	4919	4923	4926	4959	4970
LiCl	2380	2402	2409	2446	2450	2478	2480	LiF	4971	4987	5000	5001	5007	5022	5050
LiCl	2485	2494	2514	2523	2530	2531	2539	LiF	5138	5143	5269	6193			
LiCl	2550	2556	2560	2563	2569	2580	2584	$LiFe_5O_8$	4561						
LiCl	2605	2606	2611	2612	2617	2618	2623	LiH	1753	2099	2165	2523	2547	2550	2584
LiCl	2627	2636	2640	2651	2683	2684	2685	LiH	2794	2869	3444	3844	4139	4313	4347
LiCl	2694	2695	2697	2698	2704	2705	2716	LiH	4372	4482					
LiCl	2727	2729	2735	2742	2756	2757	2763	$Li_2Hf(WO_4)_3$	4633						
LiCl	2765	2767	2774	2776	2782	2783	2784	LiI	174	207	472	795	1085	1278	1302
LiCl	2794	2803	2808	2810	2823	2831	2836	LiI	1310	1313	1753	1806	1808	1894	1949
LiCl	2838	2841	2842	2845	2852	2869	2871	LiI	1964	2099	2239	2265	2290		
LiCl	2880	2883	2897	2898	2899	2900	2901	Li_2MoO_4	2189	2409	2561	2649	2883	2998	3027
LiCl	2932	2934	2938	2943	2945	2970	2986	Li_2MoO_4	3207	3249	3271	3280	3437	3769	3870
LiCl	2987	3013	3014	3022	3031	3034	3052	Li_2MoO_4	4361	4503	4526	4641	5556		
LiCl	3056	3084	3088	3089	3095	3127	3154	$LiNd(MoO_4)_2$	4361						
LiCl	3163	3171	3203	3204	3205	3223	3231	$LiNO_2$	265	266	269	289	298	302	303
LiCl	3273	3282	3301	3305	3316	3317	3323	$LiNO_2$	313	316	317	320	326	330	354
LiCl	3327	3328	3345	3350	3351	3361	3377	$LiNO_2$	355	372	386	427	428	443	455
LiCl	3416	3469	3488	3494	3559	3593	3596	$LiNO_2$	460	492	563	584	597	687	758
LiCl	3639	3642	3697	3717	3898	4618	4671	$LiNO_2$	806	828	864	905	923	947	972
LiCl	4760	5061	5561					$LiNO_2$	1008						
$LiClO_4$	654	676	794	804	922	938	962	$LiNO_3$	102	163	205	211	253	256	260
$LiClO_4$	963	969	995	1047	1051	1053	1101	$LiNO_3$	270	276	285	327	347	356	373
$LiClO_4$	1132							$LiNO_3$	388	402	403	404	418	420	421
Li_2CO_3	1862	1994	2115	2144	2281	2316	2324	$LiNO_3$	430	434	436	443	444	445	456
Li_2CO_3	2458	2470	2485	2560	2659	2674	2701	$LiNO_3$	457	458	461	462	464	465	466
Li_2CO_3	2721	2815	2885	2893	2913	2955	2970	$LiNO_3$	467	477	478	486	490	493	553
Li_2CO_3	3177	3551	3786	3802	3866	4006	4050	$LiNO_3$	557	562	563	564	566	572	575
Li_2CO_3	4126	4275	4300	4320	5385	6247		$LiNO_3$	585	610	611	617	646	654	656
Li_2CrO_4	1638	1662	1663	1770	1785	1837	1857	$LiNO_3$	675	676	704	705	715	731	736
Li_2CrO_4	1858	1982	1984	2000	2024	2049	2055	$LiNO_3$	737	743	758	761	762	770	782
Li_2CrO_4	2056	2211	2214	2252	2266	2267	2334	$LiNO_3$	791	794	811	829	847	859	864
Li_2CrO_4	2335	2363	2404	2527	2593	2645	2874	$LiNO_3$	865	880	905	940	941	971	972
Li_2CrO_4	3261							$LiNO_3$	1067	1105	1117	1118	1139	1146	1151
LiF	1390	1490	1569	1748	1806	1808	1833	$LiNO_3$	1161	1186	1204	1206	1225	1231	1234

Compound	Locator number							Compound	Locator number						
$LiNO_3$	1235	1239	1240	1242	1244	1655	2455	$Mg(C_2H_3O_2)_2$	1165	1258	1260				
Li_2O	3302	4072	4379	4570	4571	4660	4927	$MgCl_2$	86	92	115	145	152	178	187
Li_2O	5035	5398	5450	5464	5472	5545	5554	$MgCl_2$	222	242	267	934	1031	1063	1341
Li_2O	5590	5597	5598	5600	5602	5603	5604	$MgCl_2$	1805	1911	1922	2030	2031	2131	2132
Li_2O	5608	5633	5679	5771				$MgCl_2$	2158	2175	2184	2197	2203	2241	2248
LiOH	430	461	462	562	646	795	903	$MgCl_2$	2249	2254	2260	2262	2263	2275	2276
LiOH	986	1000	1069	1091	1096	1100	1108	$MgCl_2$	2287	2288	2303	2304	2355	2359	2382
LiOH	1122	1166	1183	1287	1292	1327	1348	$MgCl_2$	2384	2390	2405	2412	2431	2437	2460
LiOH	1351	1355	1381	1389	1399	1402	1452	$MgCl_2$	2464	2496	2518	2537	2559	2585	2586
LiOH	1580	1638	1785	1862	1918	1994	2000	$MgCl_2$	2594	2653	2670	2689	2706	2760	2806
LiOH	2363	2381	2396	2470	2527			$MgCl_2$	2991	3011	3061	3079	3106	3186	3221
$LiPO_3$	2603	2658	2722	3223	3334	3433	3858	$MgCl_2$	3248	3287	3296	3343	3366	3391	3469
$LiPO_3$	5385							$MgCl_2$	3473	3506	3737	3810	3911	3917	3924
Li_3PO_4	3690	4113	4813	4890	5040	5143	5162	$MgCl_2$	3971	3978	4062	4135	4175	4191	4242
Li_3PO_4	5234							$MgCl_2$	4244	4271	4333	4365	4467	4759	5204
$Li_4P_2O_7$	2561	2998	3068	3271	3534	3572	3642	$MgCl_2$	5205	5301	6204	6205	6206		
$Li_4P_2O_7$	3736	3896	3897	3951	3952	4137	4206	$MgCO_3$	2604						
$Li_4P_2O_7$	4240	4245	4397	4444	4503	4601	4632	$MgCrO_4$	5952						
$Li_4P_2O_7$	4653	4681	4755	5004	5050	5519	5556	MgF_2	2359	2437	3119	3566	3669	3746	3992
$Li_4P_2O_7$	5561							MgF_2	4144	4216	4373	4402	4475	4484	4580
Li_2S	5316							MgF_2	4588	4647	4740	4840	4886	4887	4892
Li_2SiO_3	4912	4913	4926	4976	5269	5284	5490	MgF_2	4919	5051	5052	5068	5133	5142	5193
Li_2SiO_3	5538	5542	5547	5548	5617	6236		MgF_2	5238	5358	5392	5428	5437	5438	5444
Li_2SO_4	1186	1242	1411	1440	1447	1462	1585	MgF_2	5458	5496	5497	5510	5511	5544	5551
Li_2SO_4	1687	1707	1708	1732	1781	2356	2368	MgF_2	5558	5563	5577	5585	5644	5670	5687
Li_2SO_4	2428	2478	2485	2539	2560	2567	2568	MgF_2	5716	5724	5725	5726	5732	5733	5740
Li_2SO_4	2580	2600	2611	2636	2651	2697	2700	MgF_2	5743	5748	5796				
Li_2SO_4	2723	2729	2733	2735	2763	2767	2776	$MgFeCrO_4$	5942						
Li_2SO_4	2834	2873	2887	2891	2941	2968	2974	$MgFe_2O_4$	3820	5124	5605	5612	5845	5846	
Li_2SO_4	3017	3050	3055	3096	3097	3108	3114	MgI_2	902	1254	2347				
Li_2SO_4	3115	3116	3149	3150	3151	3164	3167	$MgMoO_4$	4345	4909	5658	5701	5720		
Li_2SO_4	3168	3177	3181	3188	3226	3227	3228	$MgNb_2O_6$	5903						
Li_2SO_4	3255	3264	3288	3291	3313	3320	3326	$Mg_5Nb_4O_{15}$	5903						
Li_2SO_4	3372	3396	3432	3437	3443	3448	3495	$Mg(NO_3)_2$	107	109	129	130	149	476	760
Li_2SO_4	3555	3556	3565	3595	3602	3621	3647	$Mg(NO_3)_2$	872						
Li_2SO_4	3660	3678	3688	3701	3703	3735	3761	MgO	3723	3818	4258	5423	5535	5685	5686
Li_2SO_4	3805	3829	3867	3868	3905	3920	3987	MgO	5687	5706	5714	5716	5717	5725	5726
Li_2SO_4	4009	4028	4056	4224	4316	4366	4421	MgO	5732	5733	5740	5761	5766	5780	5789
Li_2SO_4	4469	4490	4559	4575	4599	4624	4639	MgO	5796	5800	5802	5806	5811	5819	5823
Li_2SO_4	4651	4680	4754	4789	4844	4864	4914	MgO	5852	5872	5891	5894	5915	5919	5920
Li_2SO_4	4950	4986	5294	5439	6244			MgO	5937	5939	5951	5952	5979	5989	6007
Li_2TiF_6	2529	2662	2734	3082	3705	4088	4205	MgO	6024	6025	6032	6035	6038	6052	6053
Li_2TiF_6	4245	4269	4653	4900	5004	5346	5356	MgO	6077	6086	6089	6094	6095	6096	6097
Li_2TiF_6	5445							MgO	6099	6100	6101	6103	6108	6109	6119
$LiTiO_2$	6235							MgO	6121	6123	6127	6128	6129	6130	6132
Li_2UCl_6	1232	1283						MgO	6139	6143	6149	6150	6165	6166	6173
$LiVO_3$	2426	3249	3262	3303	3404	3405		MgO	6179	6180					
Li_3VO_4	2105	2633	3717	4712	4852			$MgO \cdot Cr_2O_3$	5965						
Li_2WO_4	405	2338	2428	2478	2506	2509	2765	$MgOMn(Fe_2O_4)_3$	3726						
Li_2WO_4	2789	2830	2831	2848	2859	3036	3141	$Mg(PO_3)_2$	2677						
Li_2WO_4	3166	3182	3262	3370	3410	3436	3490	$Mg_3(PO_4)_2$	5644	5670					
Li_2WO_4	3659	3678	4065	4493	4523	4525	4543	$MgSiO_3$	5790	5853					
Li_2WO_4	4633	4654	4684	4817	4848	4895	5382	Mg_2SiO_4	5870	5892	5922				
Li_2WO_4	6253							$MgSO_4$	178	222	4044	4244	4316	4333	4401
$LiYb(WO_4)_2$	4817							$MgSO_4$	4931	5374	5381	5386			
$Li_2Zr(WO_4)_3$	4684							$Mg(VO_3)_2$	2921	2973	3238	3856			
$LuCl_3$	2149	2517	4318					$MgWO_4$	4343	4408					
LuF_3	3693	5354						$MnCl_2$	202	1130	1311	1719	1851	1966	2087
$MgAlCrO_4$	5940							$MnCl_2$	2157	2205	2301	2305	2344	2366	2367
$MgAl_2O_4$	5847	5901	5953	5971	6027	6034	6051	$MnCl_2$	2425	2490	2503	2508	2519	2554	2597
$Mg(BO_2)_2$	5315	5452	5505					$MnCl_2$	2599	2738	2890	2892	2906	2950	2967
$MgBr_2$	1751	1759	2398	2400				$MnCl_2$	3053	3066	3112	3350	3531	3638	4167
$Mg(CHO_2)_2$	1245							$MnCl_2$	4175	4283					

Compound	Locator number							Compound	Locator number						
MnF_2	2500	2718	3066	3375	3451	3465	3531	NaBr	2601	2608	2635	2650	2692	2693	2762
MnF_2	3680	3785	3889	3892	4037	4083	4178	NaBr	2766	2795	2797	2801	2864	2865	2867
MnF_2	4344	4393	4537	4589	4616	4637	4669	NaBr	2918	2919	2971	2972	3005	3018	3028
MnF_2	4731	4845	4858	4894	5181	5186	6265	NaBr	3037	3278	3306	3358	3510	3702	3730
MnF_2	6266							NaBr	3739	3801	3836	3869	3972	4077	4109
MnI_2	1095							NaBr	4126	4351	4715	4819	4820		
$MnMoO_4$	4236							$NaCHO_2$	1245						
MnO	3723	5656	5718	5722	5730	5737	5745	$NaC_2H_3O_2$	252	375	529	538	547	554	577
MnO	5753	5772	5887	5899	5900	6001	6004	$NaC_2H_3O_2$	602	623	624	630	639	653	768
Mn_2O_3	5730	5745	5772	6227				$NaC_2H_3O_2$	812	851	908	911	1004	1009	1050
Mn_3O_4	5902							$NaC_2H_3O_2$	1093	1103	1110	1140	1179	1182	1258
$Mn(PO_3)_2$	3858							$NaC_2H_3O_2$	1260	1465					
MnS	5737	5897						$NaC_3H_7O_2$	1017	1018	1064				
MnSe	5897							NaCl	82	126	132	150	167	168	178
$MnSO_4$	3565	4143	4453					NaCl	198	209	210	222	244	245	249
$MnTiO_3$	5787							NaCl	262	263	268	283	319	322	323
Mo	6184							NaCl	328	343	350	351	367	406	416
$MoCl_2$	4411							NaCl	424	440	441	471	480	491	497
$MoCl_3$	2796	3289	3653	4200	4544			NaCl	498	506	507	508	531	546	548
$MoCl_5$	159	168	239	408	498	506	706	NaCl	558	568	569	581	586	596	606
$MoCl_5$	738	790	849					NaCl	621	625	678	694	772	808	814
MoF_6	76							NaCl	815	824	840	874	877	878	950
MoO_3	2143	2189	2583	2626	2752	2753	2777	NaCl	973	979	990	1029	1032	1045	1056
MoO_3	3000	3006	3080	3107	3113	3207	3443	NaCl	1087	1133	1191	1196	1218	1220	1268
MoO_3	3476	3501	3644	3731	3742	3747	3804	NaCl	1300	1305	1331	1332	1343	1372	1380
MoO_3	3883	3884	3919	3935	3953	4053	4068	NaCl	1393	1395	1410	1435	1445	1449	1453
MoO_3	4100	4236	4278	4282	4335	4355	4409	NaCl	1463	1491	1494	1502	1538	1542	1590
MoO_3	4441	4446	4612	4631	4644	4688	4793	NaCl	1607	1611	1626	1681	1700	1728	1731
MoO_3	4881	4901	4909	4993	5063	5101	5145	NaCl	1738	1739	1740	1748	1765	1773	1790
MoO_3	5434	5463	5473	5557	5560			NaCl	1796	1800	1810	1814	1816	1823	1826
$MoOCl_4$	101							NaCl	1834	1835	1842	1846	1851	1863	1874
Na	1010							NaCl	1886	1892	1896	1897	1898	1899	1905
$NaAlCl_4$	363	407	412	481	502	509	524	NaCl	1909	1924	1940	1942	1943	1956	1966
$NaAlCl_4$	532	544	545					NaCl	1967	1968	1969	1970	1971	1972	1979
Na_3AlF_6	4063	4267	4268	4424	4546	4567	4582	NaCl	1988	1996	1997	2001	2017	2018	2021
Na_3AlF_6	4663	4709	4710	4713	4729	4747	4774	NaCl	2026	2027	2034	2045	2048	2052	2057
Na_3AlF_6	4800	4829	4831	4832	4833	4853	4856	NaCl	2058	2074	2079	2080	2087	2088	2089
Na_3AlF_6	4921	5119	5134	5135	5137	5204	5205	NaCl	2100	2102	2106	2117	2119	2124	2130
Na_3AlF_6	5253	5265	5268	5279	5280	5307	5343	NaCl	2131	2132	2139	2140	2145	2147	2148
Na_3AlF_6	5359	5371	5378	5379	5391	5398	5407	NaCl	2153	2157	2182	2195	2208	2219	2220
Na_3AlF_6	5410	5421	5423	5426	5436	5458	5459	NaCl	2240	2246	2247	2253	2258	2259	2270
Na_3AlF_6	5460	5461	5479	5491	5492	5512	5529	NaCl	2271	2287	2293	2301	2309	2317	2321
Na_3AlF_6	5533	5540	5541	5543				NaCl	2325	2332	2336	2343	2344	2345	2356
$NaAlO_2$	5933							NaCl	2364	2365	2382	2383	2386	2393	2407
$NaAlSi_3O_8$	5298							NaCl	2411	2414	2416	2417	2418	2419	2422
Na_2BeF_4	3069	4803						NaCl	2430	2432	2440	2446	2447	2448	2449
$NaBeF_3$	1330							NaCl	2456	2464	2472	2476	2479	2481	2515
$NaBF_4$	1548	1694	2062	2064				NaCl	2516	2517	2518	2532	2536	2544	2551
$NaBH_4$	12	44	45	2122				NaCl	2552	2569	2571	2576	2580	2592	2594
$NaBiCl_4$	600	763	860					NaCl	2595	2600	2619	2625	2627	2640	2642
$NaBO_2$	1279	2635	3156	3704	3789	3808	3809	NaCl	2643	2656	2667	2698	2706	2708	2728
$NaBO_2$	3943	3973	4043	4113	4210	4233	4357	NaCl	2732	2737	2743	2744	2745	2759	2786
$NaBO_2$	4362	4527	4715	4855	4939	4945	5040	NaCl	2787	2793	2796	2800	2804	2811	2823
$NaBO_2$	5264	5440						NaCl	2824	2825	2843	2850	2851	2856	2862
$Na_2B_4O_7$	3644	3645	3826	3845	3907	4034	4273	NaCl	2868	2875	2881	2889	2891	2902	2903
$Na_2B_4O_7$	4292	4328	4342	4357	4434	4454	4524	NaCl	2907	2917	2942	2952	2956	2957	2963
$Na_2B_4O_7$	4527	4551	4693	4724	4772	4855	5451	NaCl	2969	2975	2978	2979	2982	2988	2989
NaBr	155	156	274	909	957	1123	1274	NaCl	2996	3001	3002	3010	3021	3026	3035
NaBr	1277	1314	1382	1405	1434	1458	1466	NaCl	3040	3044	3046	3048	3051	3054	3092
NaBr	1489	1552	1578	1654	1657	1688	1689	NaCl	3100	3101	3110	3120	3121	3129	3135
NaBr	1690	1725	1758	1820	1907	1930	1951	NaCl	3136	3137	3138	3139	3142	3143	3144
NaBr	1952	1953	1981	2141	2264	2370	2378	NaCl	3154	3155	3161	3165	3174	3175	3178
NaBr	2398	2400	2492	2511	2540	2542	2570	NaCl	3187	3189	3192	3193	3194	3198	3200

Compound	Locator number							Compound	Locator number						
NaCl	3208	3209	3214	3215	3231	3241	3246	NaF	2488	2489	2498	2499	2548	2572	2582
NaCl	3247	3253	3258	3267	3273	3277	3281	NaF	2590	2592	2608	2661	2666	2775	2780
NaCl	3282	3283	3284	3285	3286	3289	3292	NaF	2792	2800	2820	2821	2822	2879	2894
NaCl	3295	3296	3307	3310	3316	3317	3321	NaF	2895	2947	2984	2985	3012	3059	3068
NaCl	3327	3328	3336	3339	3347	3351	3356	NaF	3109	3110	3135	3136	3165	3180	3201
NaCl	3361	3363	3369	3371	3379	3380	3381	NaF	3202	3210	3211	3310	3311	3336	3337
NaCl	3393	3401	3402	3418	3422	3424	3425	NaF	3346	3360	3364	3374	3378	3401	3411
NaCl	3430	3441	3442	3444	3459	3470	3471	NaF	3412	3415	3423	3429	3445	3454	3455
NaCl	3478	3479	3489	3491	3497	3503	3518	NaF	3465	3466	3467	3486	3489	3497	3503
NaCl	3522	3535	3536	3537	3538	3539	3540	NaF	3518	3520	3527	3531	3534	3552	3571
NaCl	3541	3542	3543	3571	3573	3579	3582	NaF	3572	3589	3614	3628	3629	3630	3662
NaCl	3589	3600	3606	3612	3613	3629	3643	NaF	3663	3672	3681	3693	3700	3706	3712
NaCl	3650	3653	3668	3673	3674	3707	3708	NaF	3720	3724	3725	3748	3772	3774	3780
NaCl	3709	3740	3749	3751	3765	3766	3768	NaF	3782	3791	3793	3795	3816	3817	3819
NaCl	3774	3777	3795	3800	3802	3808	3827	NaF	3840	3841	3847	3876	3877	3878	3889
NaCl	3852	3881	3886	3903	3916	3933	3943	NaF	3890	3893	3894	3895	3896	3897	3916
NaCl	3947	3950	3958	3963	3964	3967	3968	NaF	3923	3927	3936	3946	3947	3967	3976
NaCl	3973	3982	3983	3984	3985	3990	3995	NaF	3992	4015	4018	4021	4022	4023	4030
NaCl	3996	3997	3998	3999	4018	4026	4027	NaF	4034	4037	4045	4048	4059	4069	4074
NaCl	4030	4038	4039	4041	4051	4071	4076	NaF	4081	4083	4084	4087	4109	4117	4120
NaCl	4086	4089	4131	4141	4155	4161	4162	NaF	4130	4140	4151	4153	4154	4156	4158
NaCl	4163	4171	4181	4186	4218	4219	4220	NaF	4160	4173	4178	4179	4182	4183	4184
NaCl	4223	4227	4238	4241	4249	4250	4267	NaF	4185	4204	4211	4217	4234	4246	4247
NaCl	4268	4274	4297	4299	4307	4325	4338	NaF	4248	4260	4262	4263	4267	4268	4291
NaCl	4350	4359	4378	4390	4394	4399	4411	NaF	4297	4301	4304	4306	4309	4317	4331
NaCl	4416	4432	4433	4455	4478	4500	4529	NaF	4346	4348	4351	4374	4381	4388	4389
NaCl	4551	4556	4564	4577	4578	4594	4617	NaF	4390	4393	4394	4399	4403	4419	4425
NaCl	4623	4625	4638	4693	4702	4714	4732	NaF	4426	4427	4433	4434	4452	4454	4455
NaCl	4745	4750	4769	4777	4778	4787	4795	NaF	4461	4474	4475	4476	4483	4484	4504
NaCl	4800	4819	4820	4829	4832	4833	4839	NaF	4509	4510	4512	4515	4516	4537	4546
NaCl	4853	4856	4859	4880	4885	4936	4937	NaF	4562	4566	4583	4584	4585	4586	4626
$NaCl \cdot AlCl_3$	213	556						NaF	4647	4664	4665	4666	4694	4698	4699
$NaClO_3$	654	656	791	794	922	938	940	NaF	4700	4719	4720	4730	4731	4738	4764
$NaClO_3$	963	969	1047	1051	1053	1094	1148	NaF	4768	4775	4776	4784	4790	4799	4821
$NaClO_3$	1335	1587	1600					NaF	4824	4828	4834	4835	4836	4857	4858
NaCN	1079	2326	2837	3043	3314			NaF	4902	4903	4904	4911	4915	4916	4924
NaCNO	2837	3252						NaF	4951	4956	4968	4988	4989	4990	5002
NaCNS	422	521	522	576	673	743	744	NaF	5039	5055	5065	5066	5118	5133	5141
NaCNS	812	816	1017	1018	1042	1043	1064	NaF	5156	5157	5167	5172	5180	5183	5193
NaCNS	1097	1299	1377	1407	1408	1423	1424	NaF	5198	5199	5200	5202	5213	5227	5238
NaCNS	1430	1463	1467	1469	1471	1473	1489	NaF	5240	5257	5265	5307	5310	5311	5312
NaCNS	1538	1542	1569	6189				NaF	5313	5317	5343	5346	5354	5356	5359
Na_2CO_3	87	90	108	1296	1395	1400	1453	NaF	5372	5377	5378	5379	5388	5389	5390
Na_2CO_3	1737	2115	2144	2281	2324	2570	2893	NaF	5391	5393	5394	5395	5396	5401	5402
Na_2CO_3	2913	3002	3005	3023	3252	3259	3276	NaF	5408	5409	5411	5412	5422	5445	5447
Na_2CO_3	3278	3306	3314	3367	3378	3393	3415	NaF	5455	5494	5508	5522	5524	5530	5544
Na_2CO_3	3418	3422	3445	3497	3503	3510	3618	NaF	5552	5555	5563	5570	5577	5628	5630
Na_2CO_3	3619	3623	3651	3827	3836	4041	4170	NaF	6192	6193	6194	6196	6197		
Na_2CO_3	4209	4212	4237	4248	4259	4491	4492	$NaFeCl_4$	463	600					
Na_2CO_3	4515	4516	4557	4560	4682	5036	5125	Na_3FeF_6	4921	5512					
Na_2CO_3	5182	5232	5270	6247				NaH	2122						
Na_2CrO_4	1088	1187	1293	1535	1537	1540	1547	Na_3HfF_7	3193	4086	4956	4990	5190		
Na_2CrO_4	1622	1634	1715	2049	2055	2056	2121	$NaHSO_4$	2014						
Na_2CrO_4	2210	2211	2214	2252	2291	2506	3110	NaI	124	141	144	376	417	511	555
Na_2CrO_4	3152	3175	3277	3309	3358	3651	3668	NaI	556	589	640	730	783	957	985
Na_2CrO_4	4027	4160	4170	4209	4212	4237	4392	NaI	1027	1084	1141	1180	1410	1421	1429
Na_2CrO_4	4615	4652	4724	4878	4944	4945	5032	NaI	1430	1446	1480	1487	1573	1714	1799
Na_2CrO_4	5037	5097	5329					NaI	1915	1954	1979	2098	2200	2309	2331
NaF	771	1190	1219	1246	1261	1267	1475	NaI	2347	2371	2372	2387	2497	2710	3002
NaF	1496	1497	1539	1548	1549	1641	1645	NaI	3015	3016	3019	3043	3063	3135	3136
NaF	1694	1784	1786	1787	1817	1825	1935	NaI	3165	3306	3491	3522	3554	3604	3712
NaF	1966	2062	2064	2218	2331	2349	2351	NaI	3894						
NaF	2358	2391	2423	2434	2444	2454	2475	$NaI \cdot AlI_3$	136	213	592	674			

Compound	Locator number						
$NaMnF_3$	3281	3612	3613	4511	4969		
Na_2MoO_4	1374	1488	2649	2751	2969	3250	3290
Na_2MoO_4	3672	3714	3736	3777	3816	3817	3841
Na_2MoO_4	3922	3951	3952	3976	3985	4057	4128
Na_2MoO_4	4222	4334	4345	4363	4364	4420	4449
Na_2MoO_4	4450	4498	4601	4681	4756	5017	5166
Na_2MoO_4	5519	5624	5649	5662			
$NaNbOCl_4$	311	942	1742	6237			
$NaNd(WO_4)_2$	6254						
$NaNO_2$	419	427	492	518	537	573	584
$NaNO_2$	585	597	598	609	617	648	797
$NaNO_2$	904	939	1017	1018	1041	1042	1043
$NaNO_2$	1080	1104	1121	1125	1131	1138	1168
$NaNO_2$	1374	1376	1393	1413			
$NaNO_3$	111	144	164	171	175	184	204
$NaNO_3$	210	221	228	290	306	310	321
$NaNO_3$	344	374	393	394	400	402	403
$NaNO_3$	404	409	423	427	443	444	445
$NaNO_3$	456	460	467	475	476	493	519
$NaNO_3$	554	574	577	590	591	608	609
$NaNO_3$	646	651	652	656	663	664	671
$NaNO_3$	675	679	721	736	754	766	782
$NaNO_3$	789	791	796	812	829	859	865
$NaNO_3$	868	880	885	908	936	941	974
$NaNO_3$	1000	1019	1021	1037	1064	1074	1076
$NaNO_3$	1087	1092	1094	1097	1122	1127	1131
$NaNO_3$	1138	1196	1213	1218	1265	1293	1315
$NaNO_3$	1349	1372	1380	1392	1421	1466	1468
$NaNO_3$	1472	1474	1482	1487	1488	1491	1502
$NaNO_3$	1506	1507	1522	1537	1540	1549	2455
$NaNO_3$	6245						
Na_2O	1296	2251	2312	2581	2833	3075	3148
Na_2O	3225	4072	4169	4194	4442	4557	4570
Na_2O	4594	4660	4686	4780	4843	4928	5035
Na_2O	5053	5084	5095	5096	5102	5116	5255
Na_2O	5261	5286	5300	5328	5424	5501	5521
Na_2O	5567	5568	5596	5613	5614	5719	5957
NaOH	701	702	957	986	1000	1079	1084
NaOH	1087	1121	1122	1158	1168	1189	1196
NaOH	1213	1218	1265	1277	1279	1296	1315
NaOH	1384	1395	1400	1416	1453	1464	1611
NaOH	4847	6196					
$NaPO_3$	1330	2351	2676	2722	2822	2877	3021
$NaPO_3$	3078	3315	3324	3368	3442	3557	3733
$NaPO_3$	3840	4195	4380	5146			
Na_3PO_4	3069	4803	5240	5440	5509		
$Na_4P_2O_7$	2143	2561	3277	3315	3572	3724	3736
$Na_4P_2O_7$	3947	3952	4026	4027	4057	4206	4222
$Na_4P_2O_7$	4272	4331	4346	4601	4640	4652	4681
$Na_4P_2O_7$	4755	4764	4778	4795	4835	4836	4850
$Na_4P_2O_7$	4851	4899	4944	5017	5166	5304	5329
$Na_4P_2O_7$	5375	5443	5446	5509	5515		
$NaReO_4$	2270						
Na_2S	1181	1223	1249	1384	1416	1560	1917
Na_2S	2337	2715	2788	3104	3734	3784	4096
Na_2S	4097	4196	4558	4847	4874		
Na_2S_2	1145						
Na_2S_4	1145	1160					
Na_2S_5	1160						
NaSb	1801						
Na_3Sb	1801	1801	1917	1917			
Na_2SiO_3	3969	3980	3981	5032	5037	5140	5231
Na_2SiO_3	5284	5353	5376	5408	5489		
Na_2SO_4	82	608	678	679	846	846	1372
Na_2SO_4	1463	1464	1522	1737	2013	2022	2041
Na_2SO_4	2061	2071	2085	2108	2362	2376	2411
Na_2SO_4	2429	2433	2462	2471	2479	2505	2600
Na_2SO_4	2625	2643	2691	2731	2787	2911	3021
Na_2SO_4	3035	3054	3057	3115	3126	3150	3151
Na_2SO_4	3167	3195	3226	3227	3259	3399	3420
Na_2SO_4	3501	3525	3595	3703	3741	3811	3827
Na_2SO_4	3852	3855	3869	3903	3908	3958	3982
Na_2SO_4	3983	4039	4044	4119	4136	4143	4170
Na_2SO_4	4221	4248	4331	4332	4346	4367	4386
Na_2SO_4	4458	4459	4600	4619	4620	4761	4788
Na_2SO_4	4850	4874	4875	4910	4911	4916	5036
Na_2SO_4	5039	5055	5097	5106	5107	5119	5125
Na_2SO_4	5137	5182	5184	5222	5232	5244	5245
Na_2SO_4	5250	5326	5340	5344	5400	5432	5441
Na_2SO_4	5442	5443	5446	6244			
$Na_{82}S_2O_7$	846						
Na_2TiF_6	1190	2146	2529	2694	2695	2756	2757
Na_2TiF_6	3010	3044	3062	3082	3092	3132	3138
Na_2TiF_6	3172	3208	3240	3360	3376	3401	3459
Na_2TiF_6	3479	3519	3529	3762	3763	4428	4463
Na_2TiF_6	4699	5041	5100	5112	5120	5128	5231
Na_2TiF_6	5346	5372	5376	5387	5409	5411	5412
Na_2TiF_6	5445	5562	5576	5591	6263		
$Na_2U_2O_7$	5106						
$NaVO_3$	2022	2397	2493	2541	2555	2779	3191
$NaVO_3$	3238	3242	3243	3250	3251	3290	3309
$NaVO_3$	3325	3483	3502	3643	3700	3811	3812
$NaVO_3$	3813	4214	4215	4326	5179	6238	
Na_2WO_4	1376	1507	2210	2338	2506	2789	2848
Na_2WO_4	2859	2979	3076	3371	3520	3649	3659
Na_2WO_4	3770	3874	3876	3918	3933	3943	3965
Na_2WO_4	3973	4048	4071	4184	4185	4207	4284
Na_2WO_4	4299	4367	4392	4422	4445	4460	4489
Na_2WO_4	4543	4576	4603	4604	4605	5647	5711
Na_2WO_4	6255						
$Na_2W_2O_7$	4343	4408	4758	6256			
Na_2ZrCl_6	3285	3321	3582	3589	3792	3795	4903
Na_3ZrF_7	3194						
$NbCl_2$	3634	4165	4253				
$NbCl_3$	1727	3635	3767	4123			
$NbCl_4$	1220	1394	1500	1944	3144	3215	3267
$NbCl_4$	3600	3696	3765	3850	4001		
$NbCl_5$	60	61	85	99	208	227	238
$NbCl_5$	246	255	283	336	368	385	425
$NbCl_5$	469	489	500	507	568	569	622
$NbCl_5$	626	696	735	773	777	815	825
$NbCl_5$	840	842	854	871	878	889	916
$NbCl_5$	929	942	998	1005	1436	1957	2088
$NbCl_5$	6207	6208	6209	6210			
NbO_2	4686	5521	5719				
Nb_2O_3	5768	5798					
Nb_2O_5	4168	5121	5282	5653	5700	5709	5791
Nb_2O_5	5813	5816	5825	5827	5834	5843	5850
Nb_2O_5	5855	5881	5885	5886	5904	5964	6197
Nb_2O_5	6228	6233	6237				
$NbOCl_3$	292	363	545	929	1193	1236	1252
$NbOCl_3$	1793	1936	2005	2032	2052	2145	2159
$NbOCl_3$	2221	2629	2958	3041	3297	3472	
$NdAlO_3$	6034						
$NdCl_3$	1762	1887	1989	1990	2184	2248	2262
$NdCl_3$	2275	2365	2383	2746	2863	3576	3601
$NdCl_3$	3787	3851	3971				

Compound	Locator number						
NdF_3	3961	3962	4821	5755			
Nd_2O_3	3733	4524	5421	5611	5948	5961	5973
Nd_2O_3	6032	6116	6137	6140	6225		
NdOCl	3978						
$Nd_4(SiO_4)_3$	5998						
$Nd(WO_4)_3$	5170						
$Nd_2(WO_4)_3$	4489	4605	6255	6257			
NH_3	12	13	16	17	18	44	45
NH_4Br	16	510					
NH_4Cl	118	140	299	449	451	470	718
NH_4Cl	726	780	804	810	819	826	862
NH_4Cl	890	898	1014	1071	1072	1099	1128
NH_4Cl	1143	1199	1208	1316	1317	1324	1325
NH_4Cl	1599						
$NH_4H_2PO_4$	451	505	819	836			
NH_4HSO_4	2014	2172					
NH_4I	250	337	399				
NH_4NO_3	17	91	111	116	118	120	129
NH_4NO_3	171	175	189	211	253	300	307
NH_4NO_3	321	335	340	346	374	393	394
NH_4NO_3	409	448	449	451	505	615	619
NH_4NO_3	620						
$NiBr_2$	2392						
$NiCl_2$	2697	3425	3701	3898	3905	4167	4376
$NiCl_2$	4437	4763					
NiF_2	5130	5380	5532	5650	6266		
$NiFe_2O_3$	4930	5123	5405	5481	5546		
NiI_2	833						
$Ni(NO_3)_2$	91						
NiO	5747	5785	5799	5855	5886	5924	5935
NiO	5955	5956					
NiSb	5435						
Ni_2SiO_4	5835						
$NiSO_4$	2907	3697	5061				
Ni_2SO_4	3701						
N_2O	1						
N_2O_4	51						
NpF_4	1256						
$Pb(BO_2)_2$	2231	2233	3941	4008	4011		
$PbBr_2$	946	954	1124	1248	1274	1275	1276
$PbBr_2$	1359	1360	1366	1373	1382	1383	1396
$PbBr_2$	1397	1433	1434	1479	1480	1493	1504
$PbBr_2$	1543	1545	1552	1572	1575	1578	1579
$PbBr_2$	1610	1629	1637	1659	1675	1682	1689
$PbBr_2$	1690	1702	1733	1734	1758	1764	1772
$PbBr_2$	1795	1798	1820	1845	1847	1859	1872
$PbBr_2$	1882	1883	1888	1962	2033	2036	2264
$PbBr_2$	2538	2644	3169				
$PbCl_2$	755	767	817	981	1003	1046	1054
$PbCl_2$	1109	1195	1284	1334	1361	1370	1391
$PbCl_2$	1418	1420	1455	1461	1476	1566	1582
$PbCl_2$	1591	1595	1608	1614	1648	1649	1650
$PbCl_2$	1669	1670	1681	1701	1704	1706	1718
$PbCl_2$	1720	1722	1730	1731	1740	1747	1750
$PbCl_2$	1752	1780	1783	1791	1805	1816	1842
$PbCl_2$	1865	1874	1878	1895	1919	1925	1926
$PbCl_2$	1938	1950	1959	1968	1976	1977	1988
$PbCl_2$	1993	1997	1998	2003	2011	2033	2047
$PbCl_2$	2048	2050	2058	2065	2066	2072	2075
$PbCl_2$	2086	2100	2105	2106	2126	2127	2129
$PbCl_2$	2134	2153	2155	2156	2162	2174	2178
$PbCl_2$	2192	2195	2198	2205	2220	2222	2225
$PbCl_2$	2240	2243	2255	2256	2289	2296	2302

Compound	Locator number						
$PbCl_2$	2310	2311	2318	2319	2321	2322	2323
$PbCl_2$	2333	2375	2390	2408	2451	2461	2522
$PbCl_2$	2524	2545	2549	2573	2586	2615	2654
$PbCl_2$	2690	2719	2724	2730	3146	3340	4712
$PbCl_2$	5488	6201	6207	6211	6212		
$PbCrO_4$	1365	2083	2981	3098	3592	3825	3843
$PbCrO_4$	4147	4358	5209	5262			
Pb_2CrO_5	4070						
PbF_2	1845	2051	2218	2300	2443	2444	2445
PbF_2	2549	2591	2615	2637	2639	2686	2725
PbF_2	2741	2781	2821	2855	2879	2896	3067
PbF_2	3099	3169	3294	3340	3348	3349	3440
PbF_2	3723	3726	3818	3820	4423		
PbI_2	515	733	787	1082	1107	1248	1274
PbI_2	1275	1276	1334	1358	1370	1371	1476
PbI_2	1505	1566	1567	1571	1573	1595	1671
PbI_2	1672	1684	1706	1709	1714	1731	1780
PbI_2	1783	1799	1807	1815	1842	1901	1907
PbI_2	1913	1979	2034	2046	2051	2070	2076
PbI_2	2152	2410					
$PbMoO_4$	3860	3922	4148	4355	4932	5033	5034
$PbMoO_4$	5150	5285	5528	5605	5612	6259	
Pb_2MoO_5	4327						
$Pb(NO_3)_2$	162	448	753	930	987	1038	1234
$Pb(NO_3)_2$	1349						
PbO	2178	2188	2231	2233	2268	2388	2679
PbO	2712	2753	2790	2855	2909	3006	3080
PbO	3160	3233	3234	3476	3687	3718	3742
PbO	3743	3758	3804	3914	3919	4008	4011
PbO	4053	4282	4439	4440	4441	4443	4502
PbO	4521	4552	4597	4598	4612	4629	4630
PbO	4643	4675	4678	4690	4728	4737	4753
PbO	4767	4792	4806	4807	4830	4854	4871
PbO	4872	4901	4929	4938	4955	4979	4993
PbO	5030	5091	5101	5103	5124	5129	5165
PbO	5174	5209	5226	5242	5243	5271	5314
PbO	5327	5336	5361	5434	5465	5473	5502
PbO	5503	5580	5682	5734			
$Pb(PO_3)_2$	3064	3837					
$Pb_2P_2O_7$	4930	5405					
$Pb_3(PO_4)_2$	3940	4423	5481	5546			
PBr_3	33						
PBr_5	88						
PbS	1177	2106	2395	2461	2524	2545	2788
PbS	3104	3734	4097	4410	4808	5256	5323
PbS	5350	5435	5564	5646	5648		
PbSe	4099	4281	4979	5646			
$PbSiO_3$	4757	5606					
Pb_2SiO_4	4070	4327	4534				
$PbSO_4$	2218	2300	2311	2443	2444	2445	2686
$PbSO_4$	2690	2730	2821	2974	3067	3097	3114
$PbSO_4$	3146	3150	3228	3396	3495	3577	3620
$PbSO_4$	3648	3688	3735	4028	4056	4525	4761
$PbSO_4$	4788	4910	5089	5113	5226	5242	5275
$PbSO_4$	5382	5502	5503	5528	5571	5573	5574
PbTe	2070	2152	3578	5350			
$PbTeO_3$	2909	5243	5271				
$PbTiO_3$	4980	5087	5151	5191	5281	5552	
$Pb_3(VO_4)_2$	2724	4712	4852	5488			
$PbWO_4$	3770	4542	4654	4761	4950	4981	5067
$PbWO_4$	5079	5088	5089	5114	5185	5233	5262
$PbWO_4$	5275	5309	5326	5466	5571	5573	5574
Pb_2WO_5	4534						

Compound	Locator number							Compound	Locator number						
SrO	6063	6083	6090	6131	6133	6142	6152	$TiCl_2$	2960	3105	3232	3307	3402	3579	3675
SrO	6161	6169	6171	6176				$TiCl_2$	3766	3807	4004	4014	4024	4102	4804
$SrSiO_3$	5703	5769	5790	5828	5853			$TiCl_2$	4995	5139					
Sr_2SiO_4	6250							$TiCl_3$	708	2030	2031	2263	2556	2619	2660
$SrSO_4$	3050	3095	3344	3474	3829	3904	3920	$TiCl_3$	2960	3105	3170	3184	3292	3319	3345
$SrSO_4$	3938	3957	4366	4421	4549	4859	4914	$TiCl_3$	3408	3521	3569	3661	3695	3807	3823
$SrSO_4$	4991	5184	5287	5539				$TiCl_3$	4014	4254	4298	4370	4375	4385	4404
$Sr(VO_3)_2$	3191	3856	4114					$TiCl_3$	4436	4464	4518				
SrV_2O_6	4103	4199						$TiCl_4$	7	9	10	31	32	35	46
$SrWO_4$	4445	4576	6254	6255	6256	6257		$TiCl_4$	48	49	61	63	64	67	227
$TaCl_3$	1056	1113	1346	1514	3046	3070	3354	$TiCl_4$	233	238	246	255	261	271	273
$TaCl_3$	3664							$TiCl_4$	279	280	286	288	291	308	309
$TaCl_4$	1023	1253	1331	1403	3665	3871		$TiCl_4$	345	6200	6209	6215			
$TaCl_5$	63	74	98	209	233	261	279	TiF_4	1641	2314	3706	4015	4140	4687	4882
$TaCl_5$	308	336	363	370	389	508	595	TiO	5742	5760	5867	6235			
$TaCl_5$	607	627	696	719	765	772	774	TiO_2	2833	3075	3129	3652	3718	4174	4439
$TaCl_5$	777	779	867	897	952	961	968	TiO_2	4456	4522	4679	4814	5018	5078	5100
$TaCl_5$	978	1005	1014	1199	1357	1818	1973	TiO_2	5104	5105	5132	5197	5208	5215	5219
$TaCl_5$	2080	2467	6207	6212	6213	6215	6216	TiO_2	5229	5230	5231	5254	5255	5270	5300
TaF_5	4569	4742						TiO_2	5305	5328	5353	5359	5455	5483	5530
Ta_2O_5	3533	4741	5303	5775	5920	5982	5988	TiO_2	5533	5562	5568	5591	5608	5729	5734
Ta_2O_5	6006	6013	6033					TiO_2	5756	5759	5771	5777	5778	5779	5783
$TbCl_3$	2045	2630	2905	4270				TiO_2	5808	5826	5838	5859	5860	5862	5868
TbF_3	4562	5570						TiO_2	5875	5896	5908	5914	5917	5918	5937
$Tb_2(MoO_4)_3$	4450	5662						TiO_2	5939	5945	5946	5960	5996	6014	6037
$Tb_2(WO_4)_3$	5177	5663						TiO_2	6060	6061	6063	6098			
Te	764							Ti_2O_3	5968						
$TeBr_4$	230	913	927	1083	1185	1322	1323	Ti_3O	5950						
$TeBr_4$	1531	1804	1824	1893	2340			Tl_9BiTe_6	2961	3272					
$TeCl_4$	8	22	23	39	53	66	71	TlBr	364	471	647	661	740	801	843
$TeCl_4$	73	121	224	244	328	343	361	TlBr	852	866	1068	1090	1329	1405	1409
$TeCl_4$	406	407	524	558	677	918	926	TlBr	1457	1478	1479	1483	1486	1504	1543
$TeCl_4$	927	973	1003	1016	1052	1083	1323	TlBr	1545	1576	1578	1588	1601	1628	1686
$TeCl_4$	2007							TlBr	1691	1723	1725	1736	1741	1778	1813
TeI_4	741	764	926	927	1224	1313	1322	TlBr	1820	1822	1856	1859	1860	1872	1903
TeI_4	1323							TlBr	1939	1978	1985	2012	2036	2037	2077
TeO_2	1840	2167	2250	2251	2312	2450	2581	TlBr	2103	2107	2135	2150	2164	2329	2346
TeO_2	2663	2679	2920	3160	3323	3607	3756	TlBr	2376	2505	2540	2587	2588	2609	
TeO_2	3989	4201	4400	4531				$TlBr_4$	2340						
$ThCl_4$	1664	1700	1701	1722	1738	1739	1740	TlCl	594	636	757	809	817	820	839
$ThCl_4$	1749	1750	1767	1773	1790	1802	1814	TlCl	855	863	876	918	921	937	945
$ThCl_4$	1816	1826	1830	1835	1846	1865	1892	TlCl	977	982	989	1006	1039	1055	1221
$ThCl_4$	1895	1897	1919	1924	1943	2010	2023	TlCl	1230	1238	1251	1270	1272	1291	1357
$ThCl_4$	2042	2059	2096	2097	2126	2128	2129	TlCl	1361	1392	1431	1435	1437	1438	1439
$ThCl_4$	2140	2177	2180	2187	2213	2238	2277	TlCl	1441	1456	1501	1515	1518	1529	1534
$ThCl_4$	2284	2315	2403	2418	2419	2420	2520	TlCl	1551	1562	1583	1618	1630	1631	1633
$ThCl_4$	2598	2610	3004	3045	3392	3417	3505	TlCl	1705	1708	1719	1732	1756	1769	1781
$ThCl_4$	3515	3899	3929	3966	4020	4029	4094	TlCl	1794	1811	1836	1839	1853	1855	1866
ThF_4	1415	1645	1891	1935	2932	2984	3079	TlCl	1874	1896	1900	1904	1911	1920	1922
ThF_4	3106	3117	3346	3373	3409	3438	3452	TlCl	1945	1959	1975	1977	1986	1997	1998
ThF_4	3463	3466	3506	3848	3878	3890	3917	TlCl	2002	2007	2028	2050	2054	2057	2058
ThF_4	3968	4141	4152	4198	4288	4295	4314	TlCl	2082	2091	2092	2093	2094	2112	2127
ThF_4	4315	4512	4533	4536	4548	4585	4608	TlCl	2133	2160	2161	2163	2227	2246	2247
ThF_4	4622	4626	4702	4727	4760	4884	4918	TlCl	2256	2259	2279	2285	2295	2307	2329
ThF_4	4924	4940	4994	5044	5131	5175	5210	TlCl	2330	2346	2353	2362	2368	2377	2413
ThF_4	5263	5292	5301	5318	5332	5357	5367	TlCl	2599	2754	4134	4150	6214		
ThF_4	5513	5550	5583					$TlCl_3$	1945						
ThO_2	1698	5883	5946	5974	5975	6153	6158	Tl_2CO_3	919	997	1001				
ThO_2	6162							TlF	1256	1415	1623				
$TiBr_2$	3523	3553	4966	5278				TlI	392	516	583	915	953	970	984
$TiBr_3$	3500	3513	3594	3677	3757	3872	4052	TlI	1272	1333	1529	1573	1630	1633	1666
$TiBr_3$	4256							TlI	1667	1672	1684	1714	1797	1799	1815
$TiBr_4$	62	75	196	3788	4067	4448		TlI	1954	2084	2125	2138	2151	2170	2181

Compound	Locator number							Compound	Locator number						
TlI	2194	2244	2372	2399	2436			V_2O_5	4007	4042	4051	4138	4168	4193	4194
$TlNO_2$	265	266	298	400	419	423	485	V_2O_5	4214	4215	4221	4257	4258	4274	4277
$TlNO_2$	518	534	605	628	638	649	670	V_2O_5	4286	4287	4294	4326	4341	4354	4377
$TlNO_2$	686	751	788	1297				V_2O_5	4379	4407	4502	4571	4675	4690	4728
$TlNO_3$	218	219	266	270	275	400	458	V_2O_5	4753	4814	4929	4955	5196	5331	5338
$TlNO_3$	485	490	573	598	651	652	664	V_2O_5	5348	5404	5431	5483	5685	5717	5808
$TlNO_3$	673	750	753	798	801	857	858	V_2O_5	5868	6238					
$TlNO_3$	866	884	907	919	932	949	997	$VOCl_3$	7	9	10	11	14		
$TlNO_3$	1001							WCl_5	502	632	792	1202	1350	3457	3632
$TlPO_3$	2235							WCl_6	21	40	49	68	70	181	249
Tl_2S	4017	4783						WCl_6	441	546	622	627	1011	1033	1081
$TlSbS_2$	2395							WO_2	5854						
Tl_2Se	1164	1228						WO_3	2188	2859	3076	3659	3732	3769	3937
Tl_2SO_4	237	915	1551	1732	1781	1900	1904	WO_3	3965	3986	4035	4440	4523	4532	4543
Tl_2SO_4	2013	2063	2077	2138	2703	2878	2933	WO_3	4690	4728	4767	4815	4825	4895	5247
Tl_2SO_4	2941	2954	3008	3055	3116	3399	3577	WO_3	5465	5466	5470	5477	5527	5537	5579
Tl_2SO_4	3648	3938	3957	3991				WO_3	5586	5589	5593	5611	5639	5659	5693
Tl_2TeBr_4	1893							WO_3	5713	5714	5715	5723	5727	5731	5736
$TlVO_3$	1963	2013	2022	2041	2209			WO_3	5768	5780	5781	5782	5798	5844	5884
TmF_3	3663	5422						WO_3	5893	5928	5929	6232			
UBr_3	2378							$WOCl_4$	182	319	621	698	719	735	765
UCl_3	1739	1766	1767	1773	1830	1864	1940	$WOCl_4$	955	976	6198				
UCl_3	2023	2097	2123	2271	2286	2293	2393	XeF_2	106	123	151	186	225	236	258
UCl_3	2456	2496	2563	2680	2836	2872	2888	XeF_4	225	236					
UCl_3	2931	2982	2988	3004	3045	3058	3079	XeF_6	106						
UCl_3	3106	3256	3507	3654	3657	3658	3698	$YbCl_2$	3365	3384					
UCl_3	3737	3917	4016	4029	4061	4062	4288	$YbCl_3$	2328	2552	4319				
UCl_3	4365	4611	4727	4962	6269			YbF_3	3681	3720	4508	5402	5506	5626	
UCl_4	925	951	992	1283	1513	1664	1722	YbH_2	4347						
UCl_4	1730	1749	1750	1761	1765	1800	1802	$Yb_2(MoO_4)_3$	4364						
UCl_4	1805	1809	1814	1892	1938	1955	1974	Yb_2O_3	5987	6047	6049	6105			
UCl_4	2004	2017	2042	2096	2134	2177	2273	Yb_2S_3	6258						
UCl_4	2350	2374	2422	2755	2806	3029	3133	YbSe	6258						
UCl_4	3221	3224	3270	3275	3322	3505	5302	$Yb_4(SiO_4)_3$	5746	5835					
UF_3	3058							YCl_3	1203	1210	1485	1589	1803	1898	1909
UF_4	1784	1825	1849	1864	2271	2350	2360	YCl_3	2117	2119	2148	2158	2175	2196	2203
UF_4	2393	2563	2792	2888	3179	3400	3654	YCl_3	2278	2345	2385	2424	2457	2460	2678
UF_4	3655	3810	3911	4058	4984	5277	5449	YCl_3	2949	2989	2995	3072	3118	3220	3456
UF_4	5575							YCl_3	3473	3543	3591	3636	3637	3666	3887
UF_6	76	6190						YCl_3	3900	4190	4369	4382	4395		
UN	6184	6188						YF_3	1623	2379	2589	3337	3793	4074	4153
UO_2	3224	3270	5063	5302	5449	5748	5975	YF_3	4177	4349	4384	4555	4586	4896	4925
UO_2	6068	6080	6139	6155	6172	6182	6186	YF_3	4941	4957	4973	4998	5306	5319	5397
UO_2	6187	6226	6234					YF_3	5494	5673	5683				
UO_3	4881							Y_2O_3	4377	5801	5803	5873	5876	5877	5878
U_3O_8	5107							Y_2O_3	5994	6011	6036	6048	6054	6055	6064
$UOCl_2$	2621							Y_2O_3	6069	6079	6081	6082	6106	6107	6119
UO_2SO_4	2911	3195						Y_2O_3	6122	6128	6129	6141	6177	6178	6225
UP	6182							$Y_2Si_2O_7$	5936						
VCl_2	4111	4325	4494	5462	5616			$Y_4(SiO_4)_3$	5991						
VCl_3	2516	2536	2975	3232	3387	3390	3542	$Y_2(WO_4)_3$	5684	5814	5849	6253			
VCl_3	3547	3626	4102	4228	4230	4405	4406	Zn_3As_2	5325						
VCl_3	4465	6199						$ZnBr_2$	1397	1934					
VCl_4	11	6210	6216					$Zn(C_2H_3O_2)_2$	314	523	538	634	695	911	1065
VF_3	4954	5235						$Zn(C_2H_3O_2)_2$	1182						
VO_2	4407							$ZnCl_2$	104	494	549	681	713	714	780
V_2O_4	4379	4571						$ZnCl_2$	781	863	950	981	1006	1020	1025
V_2O_5	1481	2038	2039	2040	2188	2230	2268	$ZnCl_2$	1099	1109	1114	1128	1194	1195	1226
V_2O_5	2388	2389	2562	2657	2663	2712	2790	$ZnCl_2$	1271	1284	1285	1286	1294	1311	1326
V_2O_5	2833	2853	2884	2962	3020	3075	3148	$ZnCl_2$	1332	1339	1341	1356	1364	1411	1420
V_2O_5	3206	3225	3233	3234	3242	3243	3251	$ZnCl_2$	1462	1470	1516	1519	1585	1593	1704
V_2O_5	3302	3303	3584	3597	3645	3652	3687	$ZnCl_2$	1756	1794	2406	2672	3185	6203	
V_2O_5	3745	3760	3838	3854	3884	3914	3935	$Zn(CN)_2$	2807						

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The present compilation provides an authoritative compendium of melting points, and compositions of molten salt eutectic mixtures. Data for mixtures melting in the range - 138°C to 2800°C are reported. Value judgments have not been attempted. Titles of the articles in the literature citations and a system index are included for approximately 6000 eutectic entries.

17. KEY WORDS *(six to twelve entries; alphabetical order; capitalize only the first letter of the first key word unless a proper name; separated by semicolons)*

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