Physical Properties Data Compilations Relevant to Energy Storage.

I. Molten Salts: Eutectic Data

George J. Janz, Carolyn B. Allen,
Joseph R. Downey, Jr., and R. P. T. Tomkins

Molten Salts Data Center,
Cogswell Laboratory,
Rensselaer Polytechnic Institute,
Troy, New York 12181

U.S. DEPARTMENT OF COMMERCE, Juanita M. Kreps, Secretary

Dr. Sidney Harman, Under Secretary
Jordan J. Baruch, Assistant Secretary for Science and Technology

NATIONAL BUREAU OF STANDARDS, Ernest Ambler, Director

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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.

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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Relevant to Energy Storage

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Molten Salts Data Center, Cogswell Laboratory, Rensselaer Polytechnic Institute, Troy, New York 12181

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

ın analysis of energy-related research and develop-
ıt programs shows the emergence of thermal energy
age, advanced batteries, and coal gasification as well-
ned areas in the past decade. The potential of inor-
ic compounds and their mixtures in these technologies
eceiving consideration from various practical view-
ıts, for example, the relatively large latent enthalpies
accompany the process of melting have directed
ıideration of such materials in the design of a series of
:ond-generation" thermal energy storage subsystems
ɔnsiderably greater capacity than the systems utilizing
storage capacity of fluids (such as water) and rocks.
nolten salts, the features of large liquid state ranges,
vapor pressures, high electrical conductivities, and
l viscosities are important considerations relative to
rse applications, such as heat transfer fluids, sol-
s, reaction media, and as molten electrolytes.
/hile the accumulated store of information on molten
is considerable, and while several authoritative
:en salts treatises have appeared in the past two
.des [1–7] [1] a basic difficulty to the potential utiliza-
of such materials is the diversity of the information
ces.
he present communication reports the results of a
pilation of data for eutectic systems (melting points;
ɔositions), undertaken to provide an authoritative ref-
ce for such systems. A partial list of some of the more
ıl 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] gures in brackets indicate literature references for the introduction.

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We found the significant contribution by Paul V. Clark (Albuquerque, N.M.) a particularly helpful staging area; without this, our task would have been much more difficult.

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Eutectic Data

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

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

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

The comments column refers to the melting p column in degrees celsius. In addition several abbre tions have been used in the table and are listed herew

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

TABLE 1. Eutectic data

›r System er	Mol %	T, °C		References
BF_3–N_2O	76.6	−138.0 ±.25	575	
BF_3–SO_2	95.2	−128.6 ±.25	575	
BCl_3–$GeCl_4$	76	−116.0	2732	
BCl_3–PCl_3	94	−110.0	2179	
BCl_3–PCl_3	20	−99.0	2179	
BF_3–SO_2	38.	−97.1 ±.25	575	
$TiCl_4$–$VOCl_3$	29	−95.0	2008	
PCl_3–$TeCl_4$	100 APP	−91.0	2821	
$TiCl_4$–$VOCl_3$	18	−88.0	1240	
$TiCl_4$–$VOCl_3$	18.6	−88.0	659	
VCl_4–$VOCl_3$	27.8	−86.5	659	
NH_3–$NaBH_4$	94.7	−84.0	1287	
$CO(NH_2)_2$–NH_3	1.8	−81.5	2033	
$POCl_3$–$VOCl_3$	3	−80.8	1240	
BBr_3–$SiCl_4$	26.4	−80.0	971	
NH_3–$NH_4Br(NH_3)_4$	93	−80.0	1005	
NH_3–NH_4NO_3	96	−79.5	2033	
CNH_2–NH_3	99 APP	−78.8	961	
BBr_3–$GeCl_4$	40	−74.0	971	
$POCl_3$–$SiCl_4$	4 APP	−71.8	1240	
$SiCl_4$–WCl_6	100 APP	−70.0	2451	
$SiCl_4$–$TeCl_4$	99 APP	−68.0	3053	
$FeCl_3$–$GeCl_4$–$TeCl_4$	NA	−59.0 APP	2849	
BBr_3–$SiBr_4$	76	−57.5	971	
$AsBr_3$–S_2Br_2	13.5	−56.0	453	1081
$AsBr_5$–BBr_3	5.8	−54.1	342	
$GaCl_3$–$GeCl_4$	7 APP	−54.0	1874	
BBr_3–$GeBr_4$	80.9	−53.0	971	
BBr_3–$SnBr_4$	81.7	−52.5	342	
$GeCl_4$–$SnCl_4$	91 SER SOLID SOL	−51.3	2732	
$GeCl_4$–$TiCl_4$	96.7 SER SOLID SOL	−50.8	2732	
Si_2OCl_6–$TiCl_4$	42	−50.0	2008	
PbR_3–$SnBr_4$	84	−50.0	453	1081
CsF–HF	17.2	−49.5	566	
$SbCl_5$–$TiCl_4$	35	−47.5	1679	
S_2Br_2–$SnBr_4$	95.5	−47.5	1081	
$AlBr_3$–BBr_3	5.24	−46.1	342	
$POCl_3$–$SnCl_4$	5 APP	−33.8	2359	2555
$FeCl_3$–$SnCl_4$–$TeCl_4$	NA	−33.0 APP	2849	
$SnCl_4$–WCl_6	100 APP	−32.0	2451	
$AsBr_3$–Br_2	34	−31.5	1081	
$AlCl_3$–$SnCl_4$	.45 LT	−30.5 APP	2359	
$AsCl_3$–$SbCl_3$	97 APP	−30.0 APP	1279	
NH_3–$NaBH_4$	69	−28.0	1287	
NH_3–$NaBH_4$	56.6	−25.1	1287	
$GaCl_3$–$TiCl_4$	10 APP	−25.0	1874	
CCl_4–$GaCl_3$	92 APP	−24.0	1874	
$POCl_3$–$SbCl_5$–$TiCl_4$	NA	−24.0	1679	
$TiCl_4$–WCl_6	100 APP	−23.0	2451	
$Ba(BH_4)_2$–N_2H_4	13	−22.0	1253	
Br_2–N_2O_4	17	−18.0	1058	
$GeBr_4$–$POCl_3$	36 APP	−16.0	3083	
$AsCl_3$–$TeCl_4$	100 APP	−16.0	2821	
Br_2–$SbBr_3$	81.8	−15.5	1081	
$AlBr_3$–Br_2	21.4	−13.5	1081	
$POCl_3$–$ReOCl_4$	97	−10.0	2708	
$GaCl_3$–$SbCl_5$	18	−4.0	2676	
$GaCl_3$–$POCl_3$	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

r System r	Mol %	T, °C		References				
CsF–HF	36.1	38.3	566					
$SbCl_3$–SbI_3	81.8	41.5	1918					
$CaCl_2$–H_2O–$MgCl_2$	15.8–83.0–1.2	42.0	3222					
$CO(NH_2)_2$–KNO_3–NH_4NO_3	48–5–47	43.0	2038					
RbCl–$SbCl_3$	15	44.0	1133					
$CO(NH_2)_2$–NH_4Cl–NH_4NO_3	52.1–3.8–44	44.0	1746					
$Ba(BH_4)_2$–N_2H_4	41.9	44.0	1253					
$CO(NH_2)_2$–NH_4NO_3	59.6	44.5	2033					
$GaCl_3$–$TeCl_4$	80 APP	45.0	1856					
$GaCl_3$–$SbCl_3$	73.0	46.4	2621					
SbF_5–XeF_2	62.5	50.0	2283					
$CO(NH_2)_2$–KI–NaI	79–3–18	50.0	1477					
$AlCl_3$–$GaCl_2$–$GaCl_3$	12–38–50	50.0	2629					
$AlCl_3$–$BaCl_2$–NaCl	63.5–2.5–34	50.0	3034					
$GaCl_3$–$SbCl_3$	33.2	50.6	2621					
$CdCl_2$–$GaCl_3$	5 APP	52.0	1017					
H_2O–$Mg(NO_3)_2$–NH_4NO_3	66.9–10.8–22.3	52.0	3222					
H_2O–$Mg(NO_3)_2$	80.1	53.0	3222					
$AlBr_3$–$SbCl_3$	14.5	54.0	1080					
$GaCl_3$–NaCl	75	55.0	1231					
CsCl–$GaCl_3$	3	55.0	1016					
$GaCl_3$–$HgCl_2$	92	55.0	1017					
$SbBr_3$–$SbCl_3$	70 APP	55.0	1918					
$AlCl_3$–NaI·AlI_3	45 APP	55.0	8397					
$KCHO_2$–KCNS–KNO_3	48.3–34.9–16.8	55.5	2712					
$GaCl_3$–LiCl	82	57.0	1016					
KCl–$SbCl_3$	24 APP	57.0 APP	1918					
$GaCl_3$–NH_4Cl	85 APP	58.0	1016					
$CO(NH_2)_2$–NaI	80.5	58.0	1100	1477				
$AlBr_3$–$SbCl_3$	75.8	59.0	1080					
$AlCl_3$–$HgBr_2$	42.2	59.0	1080					
$CO(NH_2)_2$–NaI–$NaNO_3$	80–18–2	59.0	1100					
$GaCl_3$–KCl–$MgCl_2$	89–3–3	59.0	2613					
CuCl–$GaCl_3$	5.2	60.0	905					
$AlBr_3$–$InBr_3$	90	60.0	2888					
$GaBr_3$–$SbBr_3$	46	60.8 METASTABLE	2621					
$Al(NO_3)_3·9H_2O$–$Mg(NO_3)_2·6H_2O$	38	61.0	3221					
$GaCl_3$–NaCl	97	62.0	905					
SbF_5–XeF_2	80.5	63.0	2283					
$GaCl_3$–KCl–$MgCl_2$	92–3–5	64.0	2613					
$BeCl_2$–$GaCl_3$	5.7	64.5	1290					
$GaCl_3$–KCl	84	65.0	1016					
$CO(NH_2)_2$–KBr–NaBr	79–1.5–19.5	65.0	1477					
$CO(NH_2)_2$–NaBr	79.5	66.0	1100	1477				
$SeCl_4$–$SbCl_3$	6	66.0	2619					
$GaCl_2$–$GaCl_3$	41	66.0	2629					
$GaCl_3$–$MoCl_5$	93 APP	67.0	2110					
$CO(NH_2)_2$–$Sr(NO_3)_2$	85	67.0	1749					
CsCl–$SbCl_3$	7.5	68.0	1133					
$CsNO_3$–$Pb(NO_3)_2$	68	68.0	1082					
$Ba(NO_3)_2$–$CO(NH_2)_2$–$LiNO_3$	1–83–16	68.0	993					
$Ba(NO_3)_2$–$CO(NH_2)_2$–$NaNO_3$	4–78.5–17.5	68.0	993					
$GaBr_3$–$SbBr_3$	37.2	68.2	2621					
$AlCl_3$–$GaCl_2$–$GaCl_3$	14–49–37	69.0	2629					
$AlCl_3$–KCl–NaCl	66–14–20	70.0	34	44	79	80	688	
$AlCl_3$–$MoCl_5$–NaCl	63–4–33	70.0 ±3	912					
$GaCl_3$–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

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

System	Mol %	T, °C	References
$AlCl_3$–NaCl–$TeCl_4$	43–16.5–40.5	110.0	2834
AgI–$AgNO_3$–$NaNO_3$	26–73–1	110.0	3115
$POCl_3$–$SbCl_5$–$TiCl_4$	52.8–41.51–5.66	110.5	1679
$Ca(NO_3)_2$–NH_4NO_3	16.6	111.0	684
$Cd(NO_3)_2$–KNO_3–$LiNO_3$	11.3–61.2–27.5	111.0	512
$FeCl_3$–KCl–LiCl	50–17–33	111.0 APP	2966
$FeCl_3$–KCl–LiCl	50–17–33	111.5 ±0.5	2975
$AlCl_3$–NaCl	62	112.0	27 34 44 45 78 80
			84 258 331 451 472 688
$CO(NH_2)_2$–NaCl	90	112.0	1100 1477
$CsNO_3$–CsOH	32.5	112.0	1467
AgCl–$AgNO_3$–KNO_3	2.8–59.5–37.7	113.0	376
$LiNO_2$–$RbNO_2$–$Sr(NO_2)_2$	28.7–68.7–2.6	113.0	1899
$CsNO_3$–$LiNO_2$	35	113.0	1192
$LiNO_3$–$RbNO_2$	30	113.0	1012
$AlCl_3$–$GaAlCl_4$	15	113.0	2629
CuCl–$FeCl_3$–$TeCl_4$	5–62–33	113.0	2918
AlI_3–SnI_4	40	113.5	1918
$AlCl_3$–LiCl	60	114.0	84 688
$AlCl_3$–$TeCl_4$	39.5	114.0	50
CHO_2–KNO_3	62.1	114.0	2712
$NaAlCl_4$–$NbOCl_3$–$TaCl_5$	75–5–20	114.0	3107
$CaBr_3$–TlBr	70	114.0	2809
$AlCl_3$–$POCl_3$	63.5	114.3	1182 2359
$AlCl_3$–$POCl_3$	62–63	114.4	1159
$AlCl_3$–NaCl	60	115.0	27 34 44 45 78 80
			84 258 331 451 472 688
$AlCl_3$–KCl–$NbCl_5$	50–45–5	115.0	332
$AlCl_3$–$POCl_3$	65	115.0	540
$AlCl_3$–CsCl–$TaCl_5$	69.7–18.7–11.6	115.0	240
$CO(NH_2)_2$–KCl	91	115.0	1477
$CsNO_2$–$LiNO_2$	40	115.0	1192
$CsNO_3$–KNO_3–$LiNO_3$	33–36–31	115.0	2275
KNO_3–$NaNO_3$–NH_4NO_3	7.5–18–74.5	115.0	1009
$CsC_2H_3O_2$–$NaC_2H_3O_2$	68	115.0	1013
AlI_3–CsI–NaI	71.0–5.5–23.5	115.0	2715
CuCl–$FeCl_3$–$TeCl_4$	10–48–42	115.0	2918
$AgNO_3$–$Cd(NO_3)_2$–KNO_3	26.8–50.2–23	115.0	3119
$AlCl_3$–KCl–$ZrCl_4$	65–33–2	116.0	794
$AlCl_3$–$KNbOCl_4$	78.4	116.0	2086
$AlCl_3$–$ZrCl_4$	83	116.0	794
AlI_3–AsI_3	41	116.0	1918
InI_3–SiI_4	15	116.0	2682
$CsC_2H_3O_2$–$CsNO_2$–$RbC_2H_3O_2$	32.5–35–32.5	116.0	2912
$NbCl_5$–$POCl_3$	52.5	116.8	1182
$LiNO_2$–$RbNO_2$	35.2	117.0	1201
$AlCl_3$–KCl–LiCl	50–13–37	117.0 APP	2975
$Ca(NO_3)_2$–KNO_3–$LiNO_3$	8.8–59.1–32.1	117.4	557
$AlCl_3$–$TaCl_5$	61.2	118.0	241 331 658
BiOI–InI_3	20	118.0	1878
GaI_3–GeI_4	74	118.0	2289
InI_3–TlI	85	118.0	1970
KNO_3–$NaNO_3$–NH_4NO_3	10.3–20.6–69.1	118.5	684
KNO_3–$NaNO_3$–NH_4NO_3	9.4–20.0–70.5	118.5	2951
$AlCl_3$–KCl–LiCl	59.2–19.7–21.1	120.0	3252
AlI_3–HgI_2	65	120.0	1918
GaI_3–SbI_3	45	120.0	2289
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

ıtor ber	System	Mol %	T, °C	References
	$LiNO_2$–$RbNO_3$	65	132.0	1012
	$CsNO_3$–$LiNO_3$–$NaNO_3$	47–40.5–13.5	132.0	1211
	KNO_3–$LiNO_3$	58.8	132.0	1065
	$LiNO_3$–$TlNO_3$	30	132.0	1293
	$CsC_2H_3O_2$–$KC_2H_3O_2$	71.5	132.0	1213
	$LiNO_2$–$NaNO_3$	65	133.0	916
	$LiNO_3$–LiOH–$RbNO_3$–RbOH	NA	133.0	2825
	$LiNO_3$–LiOH–$RbNO_3$–RbOH	NA	133.0	2825
	$BiCl_3$–$NaFeCl_4$	17.5	134.0	2594
	$CsNO_2$–$LiNO_3$	47.5	134.0	1192
	$Cd(NO_3)_2$–KNO_3–$LiNO_3$	34.2–43–22.8	134.0	512
	KNO_3–$LiNO_3$	58.8	134.0	925
	$LiNO_3$–$NaNO_3$–$RbNO_3$	45–21–34	134.0	1211
	$CsNO_3$–CsOH–KOH	17–57–26	134.0	3054
	AlOCl–$NbCl_5$	42.9	135.0	2565
	$HgCl_2$–NH_4Cl	42	135.0	513 514 655
	NaCl–$RbNO_3$–TlBr	17–79–4	135.0	956
	AlI_3–LiI	74 APP	135.0 APP	2284
	AlI_3–RbI	71	135.0	2523
	AlI_3–SbI_3	60	135.0	1918
	$Cd(NO_3)_2$–$NaNO_3$	47	135.0	904 1998
	$Mg(NO_3)_2$–$NaNO_3$	33	135.0	1998
	$CsC_2H_3O_2$–$LiNO_3$	85.1	135.0	1164
	$CsNO_3$–$LiC_2H_3O_2$–$LiNO_3$	39–11–50	135.0	1164
	$CsC_2H_3O_2$–$LiC_2H_3O_2$	76	135.0	952
	$AlCl_3$–$BiCl_3$–NaCl	48.7–10.1–41.2	136.0	2525
	$BiCl_3$–$FeCl_3$–$NaAlCl_4$	22.3–14–63.7	136.0	2594
	CuCl–KCl	67	136.0	38 104 715
	$AlCl_3$·$POCl_3$–$ZrCl_4$·$2POCl_3$	47	136.0	2359
	AgCl–HgI_2	52	136.0	1918
	$Sr(NO_2)_2$–$TlNO_3$–$TlNO_2$	26.5–11.0–62.5	136.0	2974
	$CsNO_3$–$LiC_2H_3O_2$–$LiNO_3$	5.5–51–43.5	136.0	2902
	AgCl–AgI–HgI_2	47–2–51 APP	136.0	3113
	$AgNO_3$–$RbNO_3$	40	136.0	3121
	$AlCl_3$–$NbCl_5$	41.6	136.5	1344
	$LiNO_3$–$TlNO_3$	31	136.5	925
	$AlCl_3$–$HfCl_4$–NaCl	46.5–2–51.5	137.0	1124
	$LiNO_2$–$NaNO_2$–$Sr(NO_2)_2$	55.1–36.7–8.2	137.0	2285
	$LiC_2H_3O_2$–$LiNO_3$–$NaNO_3$	49.5–42.5–8	137.0	1146
	InCl–$ZnCl_2$	55	137.0	2705
	AgCl–HgI_2	49 APP	137.0	3113
	$AlBr_3$–$BiBr_3$	34.4	137.3	1918
	$AlCl_3$–$BiCl_3$–NaCl	44–11–45	138.0	2525
	$AlCl_3$–$MoCl_5$–NaCl	47–3–50	138.0 ±2	912
	$AlCl_3$–InCl	70	138.0	2186 2392
	$AlCl_3$–$NbCl_5$	50	138.0	1182
	$CsC_2H_3O_2$–$CsNO_3$–$LiC_2H_3O_2$	16.5–8.5–75	138.0	1164
	$NaAlCl_4$–WCl_5	98	138.0	3015
	AlI_3–InI_2	27.5	138.0	2919
	$CsC_2H_3O_2$–$KC_2H_3O_2$	72	139.0	1322
	KNO_3–$NH_4H_2PO_4$–NH_4NO_3	NA	139.0	3187
	$AlCl_3$–$MoCl_5$–NaCl	48.5–3–48.5	140.0 ±2	912
	$AlCl_3$–NaCl–$NbCl_5$	48.8–48.4–2.8	140.0	331
	$AlCl_3$–NaCl–$TaCl_5$	46.7–51.2–2.1	140.0	121
	$BiCl_3$–$NaAlCl_3$	14	140.0	2594
	$HgBr_2$–NH_4Br	52	140.0	514
	AlI_3–NaI	71 APP	140.0 APP	2284
	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·$AlCl_3$–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

ator nber	System	Mol %	T, °C	References					
l	HgI_2–SbI_3	24.3	148.0	1448					
2	$LiNO_3$–$RbNO_2$	67.5	148.0	1012					
3	$NaNO_2$–$TlNO_3$	60	148.0	1687					
4	KNO_3–$NaNO_3$–$RbNO_3$	25.5–37–37.5	148.0	1212					
5	$LiNO_3$–$RbNO_3$	30	148.0	1211					
6	$CsNO_3$–NaCNS	61	148.0	1940					
7	$LiC_2H_3O_2$–$NaC_2H_3O_2$–$NaNO_3$	51–35.3–13.5	148.0	1146					
8	CsN_3–$Zn(N_3)_2$	NA	148.0	3072					
9	$HgCl_2$–HgI_2	52	148.0	3113					
0	$AgNO_3$–$Cd(NO_3)_2$	62 APP	148.0	3119					
1	$AlCl_3$–$FeCl_3$–NaCl	46–3–51	149.0	490					
2	$AlBr_3$–CsBr	79	149.0	2265					
3	HgI_2–TlI	60 APP	149.0	1844					
4	$LiNO_2$–$NaNO_2$	63	149.0	1201					
5	$LiNO_3$–$NaNO_2$	35	149.0	916					
6	$AlCl_3$–NaCl	50	150.0	27	34	44	45	78	80
				84	258	331	451	472	688
7	CuCl–KCl	66	150.0	38	104	715			
8	CuCl–RbCl	68	150.0	714					
9	GaI_3–NaI	67	150.0	2243					
0	$CsNO_3$–$NaNO_3$	48	150.0 APP	3239					
1	$CsNO_3$–$NaNO_3$–$RbNO_3$	16.5–40–43.5	150.0	1214					
2	$CsI·2AlI_3$–$NaI·AlI_3$	46 APP	150.0	2715					
3	$BiCl_3$–CuCl–$FeCl_3$	36–17–43	150.0	2918					
4	$BiCl_3$–TlCl	67.5	150.0	3133					
5	$AlCl_3$–$TaCl_5$	49.8	150.6	2187					
6	$FeCl_3$–NaCl	54.7	151.0	263					
7	$LiNO_2$–$NaNO_2$	62.5	151.0	916					
8	$NaNO_2$–$TlNO_3$	25	151.0	1687					
9	CsF–HF	54.7	151.5	566					
0	$NaBiCl_4$–$NaFeCl_4$	20	152.0	2594					
1	$Cd(NO_3)_2$–$RbNO_3$	23	152.0	1998					
2	$NaC_2H_3O_2$–$RbC_2H_3O_2$–$RbNO_3$	15.5–35–49.5	152.0	1030					
3	AgI–InI_3	10	153.0	1970					
4	$AgIO_3$–$AgNO_3$	26.1 APP	153.0 APP	1094					
5	$Ba(NO_2)_2$–$RbNO_2$–$TlNO_2$	20–33–47	153.0	2725					
6	$AlCl_3$–$BiCl_3$–NaCl	50–0–50 APP	154.0	2525					
7	$SnCl_2$–$TaCl_5$	69.5	154.0	914					
8	$NaNO_3$–Na_2SO_4–$RbNO_3$	40.4–1.0–58.6	154.0	2529					
9	$Ca(NO_2)_2$–$NaNO_2$–$NaNO_3$	26.6–32.9–40.5	154.0	915					
0	$LiNO_3$–$RbNO_3$	32	154.0	1082					
1	$CsNO_3$–LiBr–$LiNO_3$	41–9–50	154.0	2615					
2	Ga–$GaBr_3$	36	154.0	3018					
3	CdI_2–CsI–KI	46–19–35	155.0	1794					
4	$BiCl_3$–$SeCl_4$	50	155.0	2619					
5	NH_4NO_3–$(NH_4)_4P_2O_7$	95.4	155.0	3058					
6	AgBr–$AgNO_3$	25	155.0	3168					
7	$LiNO_3$–$NaNO_2$	62.5	156.0	916					
8	$BiCl_3$–PCl_5	NA	156.0	2930					
9	KNO_3–NH_4NO_3	21.3	156.7	1009					
0	KNO_3–NH_4NO_3	11.3	156.7	3187					
1	$FeCl_3$–NaCl–$WOCl_4$	50–50–0 APP	157.0	2467					
2	$NbCl_5$–WCl_6	56.7	157.0	1455					
3	$KC_2H_3O_2$–$LiC_2H_3O_2$–$NaC_2H_3O_2$	41–32–27	157.0	1145					
4	$KC_2H_3O_2$–$LiC_2H_3O_2$–$NaC_2H_3O_2$	9–57–34	157.0	1145					
5	$FeCl_3$–NaCl	54	158.0	121	372				
6	KCl–$NbCl_5$–$ZrCl_4$	17–44–39	158.0	874					
7	$TaCl_5$–WCl_6	49.9	158.0	1455					

TABLE 1. Eutectic data—Continued

Locator 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

·ator nber	System	Mol %	T, °C		References
5	KNO_2–$TlNO_2$	25	168.0	1148	
7	$Ba(NO_2)_2$–$Ba(NO_3)_2$–$LiNO_2$	15.2–4.2–80.6	168.0	1161	
8	$Cd(NO_3)_2$–KNO_3	46	168.0	1998	
9	$Cd(NO_3)_2$–$RbNO_3$	42	168.0	1998	
0	$Ca(NO_3)_2$–K_2CrO_4–KNO_3	28.62–0.02–71.36	168.0	546	
1	$(NH_4)_4P_2O_7$–$(NH_4)_2HPO_4$	41±5	168.0 ±2	2891	
2	KCNS–KI	93 APP	168.0	3181	
3	$AgNO_3$–$CsNO_3$	82.5	168.5	3120	
4	KCNS–NaCl	97	169.0	246	
5	$KC_2H_3O_2$–$Zn(C_2H_3O_2)_2$	30	169.0	3109	
6	$AlCl_3$–KCl–$NbCl_5$–$TaCl_5$	18–50–15.5–16.5	170.0	332	
7	$BiCl_3$–KCl	82.5 ±2.5	170.0	1918	
8	$AlCl_3$–$WOCl_4$	75.7	170.0 ±2.	2467	
9	$AlCl_3$–$ZrCl_4$	97.5 APP	170.0	1189	
0	CuI–InI_3	5	170.0	901	
1	KOH–NaOH	50	170.0	2037	2178
2	KOH–NaOH	50.6	170.0	829	
3	$Ca(NO_2)_2$–$RbNO_3$	19.7	170.0	1129	
4	$CsNO_3$–$LiNO_3$	40	170.0	1192	
5	$LiNO_3$–$RbNO_3$	61.5	170.0	1211	
6	$MoCl_5$–$SeCl_4$	58	170.0	2619	
7	$(NH_4)_2P_2O_7$–$(NH_4)_2HPO_4$	36.1	170.0	3058	
8	KCl–$TiCl_3$–$ZrCl_4$	NA	170.0	2837	
9	SbI_3–Sb_2O_3	NA	170.0	2863	
0	KCl–KCNS	NA	170.2	3181	
1	KBr–KCNS	3 APP	170.2	3181	
2	$BiCl_3$–$FeCl_3$	63	171.0	2594	
3	$SnCl_2$–$ZnCl_2$	56	171.0	61	
4	$SnCl_2$–$ZnCl_2$	64	171.0	3138	
5	$AgNO_3$–$LiNO_3$	75	171.5	3121	
6	$BiCl_3$–$FeCl_3$	77	171.5	3138	
7	CuCl–$SnCl_2$	21.8	172.0	1918	
8	NH_4Cl–$SnCl_2$	19	172.0	834	
9	$TaCl_5$–$WOCl_4$	50.2	172.0	2054	
0	AgCl–$AgNO_3$–$Ca(NO_3)_2$	18.5–78.3–3.1	172.0	198	
1	$NaNO_3$–$RbNO_3$	28	172.0	1211	
2	KN_3–$Zn(N_3)_2$	NA	172.0	3072	
3	CuCl–$SnCl_2$	18	172.0	3138	
4	$AlCl_3$–$BiCl_3$	68	173.0	2525	
5	$HfCl_4$–$POCl_3$	40	173.0	2555	
6	NH_4Cl–$SnCl_2$	42	173.0	834	
7	$BiBr_3$–$BiCl_3$	49.5	173.0	2014	
8	KCl–KCNS	3.4	173.0	246	291
9	CdI_2–CsBr	56.9	173.0	1010	
0	CdI_2–CsI–NaI	37.6–50.4–12	173.0	1795	
1	$AgNO_3$–$LiNO_3$	76	173.0	925	
2	$CsC_2H_3O_2$–$RbC_2H_3O_2$	72 APP	173.0	1013	
3	CdI_2–KI–PbI_2	42.9–49.6–7.5	173.0	3023	
4	CsCl–$SnCl_2$	17	174.0	834	
5	$NbCl_5$–$WOCl_4$	56.3	174.0	2054	
6	LiCl–$LiNO_3$–$NaNO_3$	5–80–15	174.0	2393	
7	$CsNO_3$–$LiNO_3$	43	174.0	1082	
8	$MoCl_5$–$SeCl_4$	64	174.0	2686	
9	$CsNO_3$–KNO_3–KOH	26.5–20.5–53	174.0	3054	
0	$HgBr_2$–TlBr	48 APP	175.0	1844	
1	GaI_3–TeI_4	27	175.0	2289	
2	$Cd(NO_3)_2$–KNO_3	25	175.0	1998	
3	$LiNO_3$–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	$CsI·AlI_3-KI·AlI_3$	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

rator mber	System	Mol %	T, °C	References
2	$AlCl_3$–KCl–$ZrCl_4$	20–40–60	182.0	794
3	$HgCl_2$–KCl	68	182.0	513
4	$LiClO_4$–NH_4ClO_4	69.5	182.0	1116
5	CuBr–KBr	28.1	182.0	641
6	$Ba(NO_2)_2$–$LiNO_2$	20.5	182.0	1161
7	InI_3–ZnI_2	75	182.0	2616
8	NaCl–$SnCl_2$	32	183.0	667
9	$HgCl_2$–TlCl	64	183.0	711
0	NH_4Cl–$SnCl_2$	20	183.0	953
1	$CsNO_3$–$LiNO_3$	55	183.0	1192
2	$NaC_2H_3O_2$–NaCNS–$NaNO_3$	32.5–30.5–37.0	183.0	3230
3	$HfCl_4$–$POCl_3$	56	183.7	2555
4	$CeCl_3$–NaCl–$SnCl_2$	2–22–76	184.0	828
5	NaCl–$NbCl_5$–$ZrCl_4$	18.8–54.4–26.7	184.0	779
6	$CsNO_3$–NaCNS	31	184.0	1940
7	AgCl–$PbCl_2$–TlCl	50–8–42	184.0	2651
8	AgCl–$BiCl_3$	45	184.0	2964
9	NH_4Cl–$NH_4H_2PO_4$	12.2	184.0	3187
0	$SnCl_2$–TlCl	82	185.0	711
1	AlI_3–CsI	64	185.0	2523
2	$Ca(NO_2)_2$–KNO_2	25	185.0	1897
3	CdI_2–KI	52.5	185.0	3140
4	NaCl–$SnCl_2$	28	186.0	828
5	$NbCl_5$–$ZrCl_4$	65.7	186.0	779
6	NH_4Cl–$SnCl_2$	40	186.0	953
7	$KC_2H_3O_2$–$RbNO_3$	25	186.0	1225
8	$Ba(NO_2)_2$–$LiNO_2$	21.2	187.0	2116
9	$LiNO_3$–$NaNO_3$	56	187.0	3003
0	CsCl–$SnCl_2$	17	188.0	286
1	$AlCl_3$–InCl	80	188.0	2186 2392
2	FeI_2–GaI_3	25	188.0	2263
3	GaI_3–NiI_2	71	188.0	2263
4	$Ca(NO_3)_2$–$CsNO_3$	42	188.0	1998
5	CsOH–KOH	55	188.0	3054
6	KNO_3–$NH_4H_2PO_4$	33	188.0	3187
7	$AlCl_3$–$HfCl_4$	93.95	189.0	1881
8	$AlCl_3$–$ZrCl_4$	89.84	189.0	1881
9	$HgCl_2$–TlCl	66 APP	189.0	1844
0	KCl–NaCl–$NbCl_5$	22–28–50	190.0	840
1	$BiCl_3$–CuCl	56	190.0	1918
2	$BiCl_3$–$NbCl_5$	54	190.0	2328
3	AgCl–TlBr	60	190.0	1021
4	$AlBr_3$–KBr	48	190.0	2265
5	CdI_2–InI_3	62.5	190.0	1345
6	Na_2SO_4–$Na_2S_2O_7$	8	190.0	2009
7	$Cd(NO_3)_2$–$LiNO_3$	35	190.0	1998
8	$KC_2H_3O_2$–KNO_3–$LiC_2H_3O_2$	60–11–29	190.0	1215
9	$MoCl_5$–$SeCl_4$	45	190.0	2686
0	$BiCl_3$–$HgCl_2$	62	190.0	2964
1	$LiC_2H_3O_2$–$NaC_2H_3O_2$	26	190.0	3100
2	$GaBr_3$–TlBr	45	190.0	2809
3	KF–SnF_2	19	191.0	1306
4	$NbCl_5$–PCl_5	67.	191.0	2328
5	$SnCl_2$–TlCl	79	191.0	2061
6	RbCl–$SnCl_2$	17	192.0	286
7	$HgCl_2$–$TlNO_3$	37	192.0	476
8	HgI_2–$TlNO_3$	5	192.0	1404
9	$Ba(NO_3)_2$–$LiNO_3$–$NaNO_3$	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

tor ber	System	Mol %	T, °C	References	
	$TeCl_4$–TlCl	89	201.0	2707	
	Tl_2CO_3–$TlNO_3$	14	201.0	3217	
	$FeCl_3$–KCl	53	202.0	794	
	AgBr–TlCl	61	202.0	1021	
	$Ca(ClO_4)_2$–$LiClO_4$–$NaClO_4$	11.2–66.8–22	202.0	913	
	$Ca(NO_3)_2$–$LiNO_2$	8.1	202.0	1055	
	$BiCl_3$–LiCl	65	202.0	2980	
	$FeCl_3$–KCl–UCl_4	NA	202.0	2985	
	$TeCl_4$–TeI_4	65	202.0 SER SOLID SOL	2764	
	$TeBr_4$–$TeCl_4$–TeI_4	0–65–35	202.0 SER SOLID SOL	2764	
	$AgNO_3$–$Ca(NO_3)_2$	89	202.0	3118	
	$NbCl_5$–$NbOCl_3$	99.4	202.4	2288	
	$AgNO_3$–$Pb(NO_3)_2$	96	202.7	1943	
	RbCl–$SnCl_2$	44.5	203.0	286	
	$RbNO_2$–$TlNO_3$	15	203.0	2101	
	KNO_3–$RbC_2H_3O_2$	20	203.0	1225	
	$GaCl_3$–KCl–$MgCl_2$	45–53–2	203.0	2613	
	KN_3–$Zn(N_3)_2$	NA	203.0	3072	
	KNO_3–$LiC_2H_3O_2$–$NaNO_3$	8–67–25	203.0	2901	
	$SnCl_2$–TlCl	66	204.0	2061	
	$LiClO_4$–$NaClO_4$	71.5	204.0	1116	2503
	$Ca(NO_3)_2$–$NaNO_2$	31.1	204.0	1897	
	$LiNO_3$–$NaClO_4$	67	204.0	2710	
	$LiNO_3$–$NaNO_3$	67	204.0	2774	
	$NaNbOCl_4$–$NbCl_5$	0 APP	204.5 APP	2086	
	$KAlCl_4$–KCl–K_2NbOCl_5	75.4–11.5–13.1	205.0	1048	
	CuCl–$NbCl_5$	23.3 LT	205.0	889	
	$HgCl_2$–TlCl	32	205.0	711	
	$BiBr_3$–$PbBr_2$	76.5	205.0	1918	
	$Ca(NO_2)_2$–$LiNO_2$	9.6	205.0	1897	
	$Ca(NO_2)_2$–$RbNO_2$	21.2	205.0	1897	
	$RbNO_2$–$TlNO_3$	50	205.0	2101	
	$BaCl_2$–NaCl–$ZnCl_2$	6.5–32.5–61	205.0	2928	
	$FeCl_3$–KCl–UCl_4	NA	205.0	2985	
	K_2NbOCl_5–$TaCl_5$	57.5 APP	205.0	3025	
	AgI–TlI	69	205.0	3117	
	$BiBr_3$–$PbBr_2$	80	205.3	3138	
	$BiCl_3$–$WOCl_4$	40.3	206.0	2054	
	$AgNO_3$–$SrCl_2$	99.5	206.0	198	
	NaBr–NaI–NaOH	11–14–75	206.0	512	
	KNO_3–$RbC_2H_3O_2$	70	206.0	1225	
	$Ba(NO_2)_2$–KNO_2–$RbNO_2$	48–47–5	206.0	2725	
	$BiCl_3$–LiCl	45	206.0	2980	
	$AlCl_3$–KCl–$TaCl_5$	29–50–21	207.0	840	
	$KClO_4$–$LiClO_4$	24	207.0	495	
	$LiClO_4$–$NaClO_4$	71.5	207.0	913	
	AlI_3–KI	47.5	207.0	2523	
	$AgNO_3$–$Ba(NO_3)_2$	98	207.0	3118	
	$AgNO_3$–$Ba(NO_3)_2$	99.1	207.9	1942	
	$AlCl_3$–$FeCl_2$	58	208.0	1973	
	$SnCl_2$–$TaCl_5$	11.1	208.0	914	
	$LiClO_4$–$NaClO_4$	72.5	208.0	495	
	GaI_3–TlI	45	208.0	2243	
	$Ca(NO_2)_2$–$LiNO_3$	31.1	208.0	1055	
	$Ca(NO_3)_2$–$LiNO_2$–$LiNO_3$	30.7–61.4–7.8	208.0	1055	
	$CoCl_2$–NaCl–$TeCl_4$	2–3–95	208.0	3017	
	KNO_3 $NaNO_3$–$Sr(NO_3)_2$	52.3–42.9–4.7	208.4	1872	
	$AgNO_3$–$Sr(NO_3)_2$	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

tor ber	System	Mol %	T, °C		References
4	KNO_2–$Sr(NO_2)_2$	49	217.0	1020	
5	$CsNO_3$–KNO_3	39.6	217.0	1212	
6	$KC_2H_3O_2$–$RbNO_3$	68	217.0	1225	
7	$LiC_2H_3O_2$–$NaNO_3$	80	217.0	2901	
8	KNO_3–$Pb(NO_3)_2$	76.6	217.1	1943	
9	AgCl–TlCl	56.1 APP	218.0	1021	
0	$InCl_3$–$SnCl_2$	8.7	218.0	750	
1	$NaNO_2$–$Sr(NO_2)_2$	71	218.0	1020	
2	NaCNS–$NaNO_2$	41.5	218.0	2723	
3	NaCNS–$NaNO_2$	37	218.0	2723	
4	CdI_2–InI_2	3.5	218.0	2994	
5	KCl–NaCl–$ZrCl_4$	NA	218.0	3047	
6	$BiCl_3$–$PbCl_2$	88.7	219.0	1918	
7	$LiClO_4$–$NaClO_4$	78.2	219.0	913	
8	KNO_2–$Sr(NO_2)_2$	49.6	219.0	2285	
9	$CsC_2H_3O_2$–$KC_2H_3O_2$–$LiC_2H_3O_2$	13–5–82	219.0	1464	
0	$LiC_2H_3O_2$–$NaC_2H_3O_2$	69	219.0	1218	
1	$LiClO_4$–$NaClO_4$	78	219.0	2614	
2	AgCl–$TeCl_4$	2.6	219.0	2707	
3	$LiClO_4$–$NaClO_4$	78	219.0	2773	
4	$BiCl_3$–$PbCl_2$	90	219.0	3138	
5	$FeCl_3$–TlCl	40 APP	219.0	3133	
6	NaCl–$TaCl_3$	55	220.0	1019	
7	$FeCl_3$–KCl	66	220.0 ±2	2537	
8	KCl–$ZrCl_4$	42.2	220.0	83	201 794
9	$AlCl_3$–In_2Cl_3	42 APP	220.0 APP	2392	
0	KNO_3–KOH	32	220.0	1033	
1	$CsNO_2$–$CsNO_3$–$Sr(NO_3)_2$	54.8–16.1–29	220.0	1238	
2	$KC_2H_3O_2$–KNO_3	61	220.0	1215	
3	$GaCl_3$–KCl–$MgCl_2$	44–4–52	220.0	2613	
4	$NaC_3H_7O_2$–NaCNS–$NaNO_3$	17.5–40–42.5	220.0	2723	
5	$LiC_2H_3O_2$–$Zn(C_2H_3O_2)_2$	25	220.0	2957	
6	InI_2–ZnI_2	97.0	220.0	2994	
7	$Ca(NO_3)_2$–$LiNO_3$	14±2	220.0	3003	
8	$SnBr_2$–TlBr	93.7	220.5	2748	
9	K_2CO_3–KOH–LiOH	2.1–71.8–25.6	221.0	2526	
0	$Ba(NO_2)_2$–KNO_2	31.6	221.0	2123	
1	$FeCl_3$–NH_4Cl	65	221.0	3147	
2	$GaCl_3$–NH_4Cl	35 APP	222.0	1016	
3	$KC_2H_3O_2$–$LiC_2H_3O_2$	15.5	222.0	1145	
4	$K_2Cr_2O_7$–$NaNO_3$	36.1	222.0	3190	
5	$CsNO_3$–KNO_3	40 APP	222.0	2790	
6	$Ca(NO_3)_2$–$NaNO_3$	29	222.8	1998	
7	RbCl–$SnCl_2$	51.5	223.0	286	
8	$FeCl_2$–$LaCl_3$–$SnCl_2$	6–2–92	223.0	828	
9	NaCN–NaOH	31	224.0	1101	
0	KNO_2–$NaNO_2$	35	224.0	904	
1	$HgCl_2$–WCl_6	5	224.0	2718	
2	InI_2–PbI_2	97.5	224.0	2994	
3	$TeBr_4$–$TeCl_4$	0 SER SOLID SOL	224.0	2764	
4	NaI–NaOH	19.4	224.5	1101	
5	AlI_3–LiI	48 APP	225.0 APP	2284	
6	$InCl_2$–KCl	95 APP	225.0	2767	
7	NaCl–$NaNO_3$–NaOH	1.6–70.8–27.6	225.0	2836	
8	KNO_3–$Na_2Cr_2O_7$	73.3	225.0	3190	
9	$CeCl_3$–$FeCl_2$–$SnCl_2$	2–6–92	226.0	828	
0	AgBr–TlBr	62 APP	226.0	1021	
1	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

ɔcator ımber	System	Mol %	T, °C		References
150	$Ca(NO_3)_2$–$CsNO_2$	39	236.0	1209	
151	$Ca(NO_3)_2$–$LiNO_3$	15.3	236.0	1239	
152	$LiC_2H_3O_2$–$RbC_2H_3O_2$	88.5	236.0	952	
153	$CsC_2H_3O_2$–$CsNO_3$–$LiC_2H_3O_2$	11.5–5–83.5	236.0	2902	
154	$HgBr_2$–$HgSO_4$	99 GT	236.0	3177	
155	$HgCl_2$–$HgSO_4$	99 GT	236.0	3177	
156	$LaCl_3$–$SnCl_2$	2.3	237.0	828	
157	$K_2Cr_2O_7$–LiCl	30.7	237.0	1938	
158	NaOH–RbOH	75.2	237.0	512	
159	$RbNO_2$–$Sr(NO_2)_2$	40	237.0	1020	
160	Na_2S_4–Na_2S_5	33	237.0	3219	
161	$CaCl_2$–$LiNO_3$	8.1	238.0	3248	
162	AgI–KI	29.5±1	238.0	1839	
163	$K_2CH_3O_2$–$LiC_2H_3O_2$	13	238.0	1218	
164	As_2Se_3–Tl_2Se	21	238.0 ±3	3224	
165	$KC_2H_3O_2$–$Mg(C_2H_3O_2)_2$	63.5	238.0	2794	
166	LiOH–RbOH	26	238.0	2825	
167	$AlCl_3$–$HfCl_4$–KCl	48–1–51	239.0	1124	
168	$NaNO_2$–NaOH	27	239.0	1033	
169	$FeCl_3$–KCl–LiCl	46–50–4	239.0 ±1	2975	
170	K_2NbOCl_5–$KTaCl_6$	40	239.0	3025	
171	$CeCl_3$–$SnCl_2$	2.5	240.0	828	
172	$CuCl_2$–$SnCl_2$	3	240.0	512	
173	AgCl–AgI–KCl	43–53–4	240.0	616	
174	$SnCl_2$–SnS	97.2	240.0	883	
175	AlI_3–CsI	46.5	240.0	2523	
176	AlI_3–CsI	45 APP	240.0 APP	2284	
177	PbS–SnS	17 APP	240.0	883	
178	$CsC_2H_3O_2$–$LiC_2H_3O_2$	12	240.0	952	
179	$KC_2H_3O_2$–$NaC_2H_3O_2$	61.5	240.0	1738	
180	$CsI·AlI_3$–NaI	92 APP	240.0	2715	
181	Na_2S–S	31.25	240.0 ±2	2932	
182	$NaC_2H_3O_2$–$Zn(C_2H_3O_2)_2$	50	240.0	2957	
183	CsOH–LiOH	74.5	240.0 ±5	3095	
184	$LiC_2H_3O_2$–$LiCHO_2$	62.5	240.0	3100	
185	$InBr_3$–$TeBr_4$	52.5	240.0	2888	
186	$BaSO_4$–$LiNO_3$–Li_2SO_4	2.5–96–1.5	240.0	2906	
187	KNO_3–$Na_2Cr_2O_7$	44.6	240.0	3190	
188	AgI–KI	70	240.5	2673	
189	NaOH–RbOH	34.1	241.0	512	
190	NaF–Na_2TiF_6	75.1	242.0	761	
191	$BiCl_3$–NaCl	48	242.0	2525	
192	$HfCl_4$–KCl	62	242.0	83	
193	$KAlCl_4$–$NbOCl_3$	97.1	242.0	2086	
194	AgCl–$CdCl_2$–$ZnCl_2$	43–6–51	242.0	512	
195	$PbCl_2$–$ZnCl_2$	7	242.0	35	61
196	NaCl–$NaNO_3$–NaOH	3.6–18.3–78.1	242.0	2836	
197	AgI–HgI_2	15	242.0	3114	
198	HgI_2–$HgSO_4$	87 APP	242.0	3178	
199	NH_4Cl–$TaCl_5$	70	243.0	1041	
200	$Ca(NO_2)_2$–$CsNO_3$	39.3	243.0	1209	
201	CuCl–$ZnCl_2$	18	243.0	3138	
202	RbCl–WCl_5	1.5–2 APP	244.0 APP	1051	
203	$SnCl_2$–YCl_3	89.6	244.0	1154	
204	LiCl–$LiNO_3$	12.5	244.0	680	
205	BiI_3–HgI_2	13.3	244.0	2452	
206	$Ba(NO_3)_2$–$LiNO_3$	2	244.0	1161	
207	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

ocator umber	System	Mol %	T, °C	References
266	LiBr–RbBr	59	259.0	430
267	NaF–SnF_2	72	260.0	1306
268	$FeCl_2$–$InCl_3$–NaCl	10–45–45	260.0	2466
269	AgCl–CuCl	46	260.0	61 62 715
270	$InCl_3$–TlCl	48	260.0	873
271	$InCl_3$–$ZnCl_2$	8	260.0	1478
272	$CdCl_2$–TlCl–TlI	15.3–54.2–30.5	260.0	790
273	KBr–LiBr–RbBr	WORK IN PROGRESS	260.0 APP	2442
274	NaBr–$PbBr_2$–PbI_2	11.3–53.8–34.9	260.0	1995
275	$PbBr_2$–PbI_2	53	260.0	948
276	$PbBr_2$–PbI_2	63	260.0	1995
277	NaBr–NaOH	77.7	260.0	512
278	KI–LiI	36.9	260.0	1968
279	$NaBO_2$–NaOH	15	260.0	1295
280	$ReCl_3$–$ReCl_5$	15	260.0	2683
281	CuI–TeI_4	23 APP	260.0	3022
282	$CaBr_2$–LiBr–RbBr	3.1–55.7–41.2	260.0	2770
283	K_2UCl_6–Li_2UCl_6–UCl_4	32.9–41.1–26.0	260.0 ±2	2865
284	$PbCl_2$–$ZnCl_2$	9.1	261.0	964
285	$CdCl_2$–$ZnCl_2$	0 APP	261.5	1918
286	$CdCl_2$–$ZnCl_2$	1	262.0	964 965
287	LiCl–LiOH	37	262.0	683
288	CsBr–LiBr	37.5	262.0	1121
289	$AlBr_3$–RbBr	49	262.0	2265
290	$InBr_3$–RbBr	55	262.0	3101
291	$FeCl_3$–TlCl	26	262.0	3133
292	LiCl–LiOH	37	262.0	3188
293	$Na_2Cr_2O_7$–$NaNO_3$	45.4	262.0	3190
294	CsCl–$ZnCl_2$	42.5	263.0	1918
295	CuCl–$FeCl_3$	39.6	263.0	63
296	Na_2CO_3–Na_2O–NaOH	6.5–7.4–86.1	263.0	1138
297	$Ba(NO_2)_2$–$TlNO_2$	97	263.0	910
298	CuCl–$FeCl_3$	NA	263.0	3138
299	KI–NaCNS	17.9	263.6	1940
300	$HgCl_2$–NaCl	86	264.0	513
301	AgCl–AgI	53.5	264.0	616
302	KI–LiCl–LiI	WORK IN PROGRESS	264.0 APP	2442
303	AgBr–KI	80.3	264.0	1918
304	AgCl–AgI	53.5	264.0	3113
305	$HgCl_2$–NaCl	86	264.0	3151
306	$K_2Cr_2O_7$–KNO_3	35.7	264.0	3190
307	KCl–LiCl–RbCl	WORK IN PROGRESS	265.0 APP	2442
308	$HgCl_2$–$InCl_3$	98	265.0	1478
309	$Ca(NO_3)_2$–LiCl	40.85	265.0	1239
310	KI–LiBr–LiI	WORK IN PROGRESS	265.0 APP	2442
311	$MnCl_2$–$ZnCl_2$	2	266.0	61
312	$Ba(NO_2)_2$–KNO_2	93.2	266.0	2123
313	LiI–TeI_4	3	266.0	3022
314	KBr–LiBr–NaBr–RbBr	NA	266.0	2870
315	$NaNO_3$–NaOH	41	266.0	3211
316	LiCl–NH_4Cl	50	267.0	61 224
317	$CdCl_2$–NH_4Cl	53	267.0	3250
318	$AlBr_3$–RbBr	48	267.0	2470
319	$Ca(NO_3)_2$–$CsNO_2$	63.5	267.0	1209
320	KNO_3–$Sr(NO_3)_2$	63.1	267.0	1237
321	KNO_3–$Sr(NO_3)_2$	71.9	267.0	1892
322	$TeBr_4$–TeI_4	20	267.0 SER SOLID SOL	2764
323	$TeBr_4$–$TeCl_4$–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

ocator umber	System	Mol %	T, °C		References		
494	KCl–LiCl–NaCl–RbCl	18.3–50.4–8.0–23.3	297.0	3088			
495	$FeCl_2$–$FeCl_3$	13.5	297.5	721			
496	$CdCl_2$–CdF_2–NaF	46.3–9.3–44.4	298.0	2468			
497	$CdCl_2$–NaF	55 APP	298.0 ±5	26			
498	KF–KNO_3	9	298.0	381			
499	CsCl–LiCl–$SrCl_2$	39.8–58.2–2.0	298.0	2008			
500	KCl–$NbCl_4$	40 APP	298.0	791			
501	$CdCl_2$–TlCl	29.5	298.0	2506			
502	NaCl–$NaNO_3$	5	298.0	61	62		
503	KCl–$KClO_3$–KNO_3	6.9–18.6–74.5	298.0	661			
504	$CdBr_2$–$PbBr_2$–TlBr	17.6–72.8–9.5	298.0	2469			
505	KBr–PbI_2	47.3	298.0	948			
506	$Ba(NO_3)_2$–$NaNO_3$	6.4	298.0	894			
507	$NaNO_3$–Na_2WO_4	98 APP	298.0	2729			
508	SnI_2–SnS	85 APP	298.0	2997			
509	$CdBr_2$–KBr	37	299.0	2071			
510	$KBeF_3$–KPO_3	80 APP	300.0	1413			
511	$KBeF_3$–KPO_3	80	300.0 APP	3245			
512	$BeCl_2$–LiCl	56	300.0	512			
513	KCl–UCl_4	57	300.0	1394			
514	RbCl–$TaCl_3$	55	300.0	1019			
515	$CdCl_2$–TlCl	27	300.0	711			
516	$CdCl_2$–$ZnCl_2$	8	300.0	511			
517	$FeCl_3$–$ZrCl_4$	85.18	300.0	794			
518	CdI_2–TlCl	33.3	300.0	790			
519	$ZnCl_2$–$ZnSO_4$	90	300.0	425			
520	$CdBr_2$–KBr	37	300.0	72	210	219	923
521	KBr–KOH	25	300.0	511			
522	$NaNO_3$–Na_2SO_4	95.5	300.0	511			
523	Rb_2SO_4–$RbNO_3$	1.5	300.0	2529			
524	$CdCl_2$–In_2Cl_3	9	300.0	2705			
525	$BeCl_2$–KCl	48	300.0	2978			
526	$FeCl_3$–$ZrCl_4$	94	300.0 ±2	3020			
527	$FeCl_3$–$HfCl_4$	62	300.0 ±2	3020			
528	$BeCl_2$–KCl	47.9	300.0	3048			
529	RbCl–TlCl–TlI	NA	300.0	2757			
530	LiBr–RbBr	54	300.0	2770			
531	AgBr–$TeBr_4$	20	300.0	2875			
532	RbBr–$RbNO_3$	1	300.0	2900			
533	$BeCl_2$–LiCl	56	300.0	9559			
534	$BeCl_2$–TlCl	NA	300.0 APP	3128			
535	$K_2Cr_2O_7$–$Na_2Cr_2O_7$	42.5	300.0	3190			
536	KBr–KOH	25	300.0	3193			
537	Na_2CrO_4–$NaNO_3$	5 APP	300.0	3210			
538	NaCl–NaCNS	6	300.3	1940			
539	$CdCl_2$–CdF_2–NaF	49.4–3.8–46.7	301.0	2468			
540	Na_2CrO_4–$NaNO_3$	5 APP	301.0	3209			
541	CsCl–$HfCl_4$	34.9	302.0	83			
542	NaCl–NaCNS	4.8	302.0	246	291		
543	$CdBr_2$–$PbBr_2$–TlBr	27.4–43.6–29	302.0	2469			
544	$BaSO_4$–LiCl–RbCl	1–57–42	302.0	2793			
545	$CdBr_2$–$PbBr_2$–TlBr	20.3–19.6–60.1	303.0	2469			
546	KBr–K_2CrO_4–LiBr	15.3–8.9–75.8	303.0	1938			
547	$Na_2Cr_2O_7$–$Rb_2Cr_2O_7$	78	303.0	1112			
548	$NaBF_4$–NaF	61.1	304.0	1039			
549	NaF–$NaNO_3$	3.5	304.0	381			
550	AgCl–Ag_2SO_4	69.3	304.0	208	440		
551	$CdSO_4$–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 62 85 87 110 376 477 616 675 738
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–ThF_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
723	KNO_3–TlBr	97.2	328.5	1170
724	AgCl–$InCl_3$	32	329.0	397
725	$CdBr_2$–NaBr–TlBr	42.8–18.6–38.6	329.0	2472
726	$CdBr_2$–CsI	64.6	329.0	1010
727	KCl–LiCl–$NbCl_3$	42.3–55.5–2.2	330.0	1479
728	$HfCl_4$–NaCl	59.4	330.0	83
729	CuCl–HgCl	56.2	330.0	655
730	$PbCl_2$–UCl_4	65	330.0	2214
731	NaCl–$PbCl_2$–PbI_2	9.5–25.7–64.7	330.0	323
732	Li_2SO_4–TlCl–Tl_2SO_4	1.8–79.5–18.7	330.0	356
733	KBr–$PbBr_2$	16	330.0	782
734	KBr–$PbBr_2$	17.3	330.0	948
735	$AlBr_3$–CsBr	47.5	330.0	2470
736	$CdBr_2$–CsBr–TlBr	26.6–31.6–41.8	330.0	2561 2562
737	Na_2CO_3–Na_2SO_4	66.5 APP	330.0 APP	857
738	NaCl–$PuCl_3$–$ThCl_4$	58.5–18.5–23	330.0	3105
739	NaCl–$ThCl_4$–UCl_3	46–36.5–17.5	330.0 ±2	2805
740	NaCl–$PbCl_2$–$ThCl_4$	62–13.5–24.5	330.0	2889
741	KNO_3–TlBr	98 APP	330.0	3195
742	$AlCl_3$–$NaNbOCl_4$	30.2	331.0	2086
743	$AlBr_3$–CsBr	57	331.0	2265
744	$CaCl_2$–KCl–LiCl	5.3–44.2–50.5	332.0	2119
745	CsCl–LiCl	41.5	332.0	363
746	CsCl–LiCl	42	332.0	159
747	$CdCl_2$–KCl–$PbCl_2$	20.7–52–27.3 APP	332.0	1147
748	KCl–LiCl–LiF–NaCl	36.8–51.6–3.8–7.8	332.0	2658
749	KCl–$ThCl_4$–UCl_4	NA	332.0 ±2	3097
750	$PbCl_2$–$ThCl_4$–UCl_4	64–12–24	332.0	2886
751	KBr–$MgBr_2$	65	332.5 ±1.5	512
752	$CdCl_2$–KCl–$PbCl_2$	26.6–33.6–39.7 APP	333.0	1147
753	LiCl–LiH–LiI	27.5–14.5–58	333.0	2442
754	KNO_3–K_2SO_4	97.5	333.0	3197
755	$AlCl_3$–$KNbOCl_4$	40 APP	334.0 APP	2086
756	TlCl–$ZnCl_2$	78	334.0	450
757	KBr–LiBr	38	334.0	831 836 2027
758	KBr–NaBr–$PbBr_2$	37.7–11.3–50.9	334.0	2498
759	KBr–$MgBr_2$	NA	334.0	3135
760	KNO_3–K_2SO_4	98.8	334.0	3196
761	KCl–UCl_4	55	334.9	3246
762	$FeCl_2$–KCl–$NdCl_3$	40.7–56–3.3	335.0	2497
763	$AlCl_3$–CsCl	43 APP	335.0 APP	2284
764	KBr–$PbBr_2$	10	335.0	781
765	LiCl–NaCl–UCl_4	63.5–14.5–22	335.0 ±2	3106
766	KCl–LiCl–UCl_3	58.5–29.5–12	335.0 ±2	3106
767	KCl–$ThCl_4$–UCl_3	60.5–29.5–10	335.0	2805
768	KCl–K_2UCl_6–LiCl	55.6–14.7–29.7	335.0 ±2	2865
769	CsI–TlCl	21	336.0	2240
770	AgCl–Ag_2CrO_4–Li_2CrO_4	74.4–20.5–5.0	336.0	764
771	$CaCrO_4$–KCl–LiCl	2–40.8–57.2	336.0	1696
772	CsBr–KBr–$PbBr_2$	7.6–39.7–52.7	336.0	1796
773	NaCl–$ThCl_4$–UCl_3	56.5–23.5–20	336.0 ±2	2805
774	CsOH–CsF	92.6	337.0	1959
775	$CdCl_2$–KCl–LiCl	2.6–42–55.4	337.0	880
776	CsCl–$SnCl_2$	61.5	337.0	286
777	KBr–KNO_3	1	337.0	2900
778	KBr–KNO_3–TlBr	4.5–93.5–1	337.0	3195
779	CaF_2–KCl–LiCl	1.8–42.2–56	338.0	852
780	$PbCl_2$–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

;ator nber	System	Mol %	*T*, °C	References
9	$CsNO_3$–TlCl	70.6	347.0	1170
0	KCl–LiCl–TeO_2	29.2–53.8–16.9	347.0	335
1	KCl–LiCl	42	348.0	846
2	NaCl–$PbCl_2$–PbI_2	7.7–50.0–42.3	348.0	323
3	KBr–LiBr	40	348.0	61 62
4	KBr–LiBr	NA	348.0	3135
5	$PbBr_2$–PbF_2	92.5	349.0	802
6	NaCl–$ThCl_4$	64.3	349.0	54
7	KBr–$PbBr_2$	12.2	349.0	2027
8	$BeCl_2$–RbCl	83.6	349.0	3102
9	BeF_2–LiF–UF_4	51.5–48–0.5	350.0	58
0	CdF_2–CdI_2	82.5	350.0 APP	1918
1	KCl–$MnCl_2$–NaCl	28.7–45–26.3	350.0	2524
2	$FeCl_2$–KCl	40.7	350.0 ±2	1896
3	$CdCl_2$–CsCl–TlCl	9.3–30.6–60.1	350.0	2562
4	CsCl–$SnCl_2$	63	350.0	834
5	$BeCl_2$–TlCl	85	350.0	512
6	$CdBr_2$–CsCl–TlBr	53.8–24.6–21.5	350.0	2562
7	LiCl–Li_2CrO_4	45	350.0	764
8	LiCl–Li_2CrO_4	83	350.0	943
9	KBr–$PbBr_2$–TlBr	3–45–52	350.0	782
0	$CdBr_2$–CsBr–TlBr	52.7–18.3–29	350.0	2561 2562
1	AgBr–CuBr	58	350.0	864
2	K_2CO_3–Li_2CO_3–LiOH	28.2–12.7–59.1	350.0	2526
3	KCl–LiCl–NaCl	38–53.5–8.5	350.0	2843
4	LiCl–UCl_3–UF_4	43–25–32	350.0 ±2	2830
5	KCl–$PbCl_2$–$ThCl_4$	37.5–35–27.5	350.0	2889
6	$BeCl_2$–TlCl	NA	350.0 APP	3128
7	$CoCl_2$–KCl	43.5	351.0	120 503
8	$FeCl_2$–KCl	38.2	351.0 ±1	574
9	KCl–LiCl	42	352.0	926
0	KCl–LiCl	43	352.0	852
1	$CdCl_2$–$CdSO_4$–KCl	47.6–13.7–38.7	352.0	348
2	$PbBr_2$–TlBr	89.5	352.0	52 782
3	$Cs_2Cr_2O_7$–$Rb_2Cr_2O_7$	50	352.0	2262
4	NaCl–$PbCl_2$–TlCl	9.2–41.3–49.5	353.0	2472
5	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
5	KCl–LiCl	42	354.0	836 847 884
7	KCl–LiCl	42.5	354.0	907
8	KCl–LiCl–$PbCl_2$	18.6–26.3–55	354.0	884
9	$CdCl_2$–$CdSO_4$–KCl	28.7–6.4–64.9	354.0	348
0	AgCl–Ag_2CrO_4	59.6	354.0	943
1	AgCl–Ag_2CrO_4	73	354.0	764
2	KBr–$PbBr_2$	44	354.0	782
3	KBr–$PbBr_2$	48.1	354.0	948
4	$Ca(NO_2)_2$–$CsNO_2$	73.9	354.0	1209 1897
5	KCl–LiCl	42	354.0	2843
6	$CdCl_2$–KCl–NaCl	59.6–22.2–18.2	355.0 ±1	932
7	$FeCl_2$–KCl–$NdCl_3$	29.3–66.7–4	355.0	2497
8	KBr–$PbBr_2$	46	355.0	781
9	$BeCl_2$–$CaCl_2$	85	355.0	3128
0	BeF_2–LiF	52	356.0	149 429 810
1	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

ıcator ımber	System	Mol %	T, °C	References			
50	$CdBr_2$–$PbCl_2$	28	367.0	284			
51	$CdBr_2$–NaBr	46	367.0	210	211	326	787
52	$CdBr_2$–NaBr	47	367.0	787	923		
53	$CdBr_2$–NaBr	46	367.0	2771			
54	CsI–NaI–TlI	28–18–54	367.0	2754			
55	RbCl–UCl_4	53	367.8	3246			
56	$CoCl_2$–NaCl	39.5	368.0	120	199	309	503
57	KCl–$NbCl_5$	56 APP	368.0	1280			
58	$CdCl_2$–RbCl	72.5	368.0	512			
59	$PbCl_2$–TlCl	42.9	368.0	512			
50	$ZrCl_4$–ZrI_4	58 APP	368.0 APP	796			
51	KCl–$K_2Cr_2O_7$	25	368.0	1018			
52	KBr–$PbBr_2$	45.5	368.0	2027			
53	$AgVO_3$–$TlVO_3$	16.5	368.0	2976			
54	LiCl–LiI	34.2	368.3	2442			
55	AgCl–$InCl_3$	77	369.0	397			
56	$MnCl_2$–NaCl–NaF	61–11–28	370.0	2595			
57	$CoCl_2$–NaCl	36	370.0	120	199	309	503
58	CsCl–NaCl–$PbCl_2$	14.9–19.8–65.3	370.0	900			
59	$DyCl_2$–NaCl	59.7	370.0 ±2	1814			
70	$FeCl_2$–NaCl	44	370.0	2497			
71	KCl–NaCl–$SmCl_3$	10–36–54	370.0	1186			
72	KCl–NaCl–$SmCl_3$	14.3–32.5–53.2	370.0	1186			
73	KCl–$TaCl_5$	52	370.0	240	797	798	
74	RbCl–UCl_4	42	370.0	4446			
75	$BeCl_2$–TlCl	18	370.0	512			
76	$CdCl_2$–$PbCl_2$	37	370.0	870			
77	$PbCl_2$–TlCl	40	370.0	711	763		
78	$CdCl_2$–CsCl–TlBr	62.6–13–24.4	370.0	2562			
79	NaCl–NaI–PbI_2	8.5–21.3–70.2	370.0	323			
80	$CdCl_2$–$CdSO_4$–KCl	25.0–15.8–59.1	370.0	348			
81	$CdBr_2$–NaBr	47	370.0	2071			
82	LiBr–Li_2CrO_4	55	370.0	1938			
83	$K_2Cr_2O_7$–$Rb_2Cr_2O_7$	50	370.0	2262			
84	KBr–K_2CrO_4–Li_2CrO_4	15.7–18.9–65.4	370.0	2989			
85	$CdCl_2$–CsBr–TlBr	66.7–8.3–25.0	370.0	3004			
86	$BeCl_2$–TlCl	18	370.0	3128			
87	KOH–K_2SO_4	94 APP	370.0	3198			
88	$CaCl_2$–KCl–NaCl–$PbCl_2$	18.1–5.8–23.3–52.8	371.0 ±1	932			
89	$FeCl_2$–KCl–$NdCl_3$	42–38–20	371.0	2497			
90	$FeCl_2$–KCl–$NdCl_3$	38–42–20	372.0	2497			
91	AgCl–$InCl_3$	40 APP	372.0	992			
92	$BaCl_2$–$BeCl_2$	13	372.0	512			
93	CsCl–CsI–$PbCl_2$	11.4–61.6–27	372.0	2198			
94	K_2CO_3–Li_2CO_3–LiOH	16.4–26.4–57.1	372.0	2526			
95	$BaCl_2$–$BeCl_2$	13	372.0	3128			
96	$BaCl_2$–$CeCl_3$–NaCl	22–36–42	373.0	743	2447		
97	NaCl–$PbCl_2$–TlCl	2.4–17.9–79.8	373.0	2472			
98	$PbCl_2$–TlCl	14.9	373.0	512			
99	$CdBr_2$–CsBr	61.9	373.0	1008	1010		
00	K_2CrO_4–Li_2CrO_4–LiOH	19–63.5–17.5	373.0	942			
01	$FeCl_2$–NaCl	44	374.0	1896			
02	$CdCl_2$–CsCl–TlCl	65.3–6.6–28.1	374.0	2562			
03	$InCl_3$–$PbCl_2$	28	374.0	397			
04	CsCl–UCl_4	41	374.5	3246			
05	CsCl–$NbOCl_3$	28 APP	375.0	963			
06	$CsNO_2$–$CsNO_3$	45	375.0	1192			
07	$TeCl_4$–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

System	Mol %	T, °C	References
$CdCl_2$–$PbCl_2$	36.5	385.0	41 61 62 322 394 786 1676
CsI–$PbCl_2$	15.7	385.0	2198
$CdBr_2$–CdI_2	8 APP	385.0	1676
$CdBr_2$–CsI	26.2	385.0	1010
CuBr–CuI	82.5	385.0	1918
PbI_2–PbTe	99	385.0	1971
K_2SO_4–Na_2SO_4–$ZnSO_4$	19.0–25.8–55.2	385.0	212
CsCl–KCl–$PbCl_2$	9–4–87	385.0	3234
$CsNO_2$–$CsNO_3$	50 APP	385.0 MIN	2923
$BaCl_2$–$CaCl_2$–LiCl–NaCl	16.6–37.6–33.3–12.5	385.0	2963
$CdCl_2$–$PbCl_2$	30	385.0	3138
CsCl–PbI_2	77.7	386.0	2198
TlBr–Tl_2SO_4	73 APP	386.0	3216
$CdCl_2$–KCl–LiCl	13.6–18.2–68.2	387.0	880
$CdCl_2$–NaCl	55	387.0	304 321 480
KCl–NaCl–$TaCl_5$	49.1–1.8–49.1	388.0	797
$CdCl_2$–KCl	38	388.0	13 104 259 322 348 394 409 498
$CdBr_2$–TlCl	59.4	388.0	2297
LiCl–$PbCrO_4$	72.6	388.0	1054
$CsNO_3$–TlI	90.9	388.0	1170
K_2SO_4–Na_2SO_4–$ZnSO_4$	24.5–33.4–42.1	388.0	212
$CdCl_2$–$PbCl_2$	35	389.0	41 61 62 322 394 786
KCl–$MnCl_2$–NaCl	45.5–34.5–20	390.0	2524
KCl–NaCl–$NbCl_5$	49–2–49	390.0	1118
NaCl–$SmCl_3$	51	390.0	1011
$FeCl_2$–KCl	53	390.0 ±2	1896
CsCl–TlCl	25	390.0	512
$InCl_2$–TlCl	13 APP	390.0 APP	1462
$InCl_3$–TlCl	6.4	390.0	873
$CdCl_2$–$CdSO_4$–TlCl	63.3–3.3–33.3	390.0	392
AgCl–Ag_2WO_4	82.3	390.0	765
LiCl–$ThCl_4$–UCl_4	59.0–19.0–22.0	390.0 ±2	3231
LiCl–$ThCl_4$–UCl_3	51–34–15	390.0	2827
AgI–NaI	75	390.0	3115
LiH–LiI	23.5	390.8	1321
$CaCl_2$–NaCl–$PbCl_2$	17.8–25.2–57	391.0	512
CuCN–NaCN	NA	391.0	3111
$CdCl_2$–NaCl	55	392.0	786
LiCl–TlBr	23 APP	392.0	887
CuCl–Cu_2S	89.2	392.0	805
LiCl–Li_3VO_4–$PbCl_2$	23.5–4.8–71.6	392.0	523
NaCl–$PbCl_2$–PbS	24.6–68–7.4	392.0	733
$CdBr_2$–TlBr	59	392.0	788
K_2SO_4–Na_2SO_4–$ZnSO_4$	34.0–22.5–43.5	392.0	212
BeF_2–CsF	58.4	393.0	1986
$FeCl_2$–KCl	54.2	393.0 ±1	574
$CaCl_2$–CuCl	10.8	393.0	156
CsI–TlCl	61	393.0	2240
$Ba(ClO_4)_2$–$KClO_4$	71	393.0	1116
$Ca(NO_2)_2$–$Ca(NO_3)_2$	94	393.0	915
K_2CO_3–Li_2CO_3–Na_2CO_3	26.8–42.5–30.6	393.0	1137
K_2CrO_4–$K_2Cr_2O_7$	1 APP	393.0	3189
NaCl–YCl_3	55	394.0	2236
$CdBr_2$–CsBr–KBr	25–56.2–18.7	394.0	2527
$CaCl_2$–NaCl–YCl_3	5–51–44	395.0	1154
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

ator ıber	System	Mol %	T, °C	References
3	$KCl-NaCl-UCl_3$	30–37–33	418.0	2813
4	$Ag_2SO_4-AgVO_3-K_2SO_4$	8–89–3	418.0	2878
5	$CaCl_2-TlCl$	7.5	419.0	512
6	$CsI-PbCl_2$	57.1	419.0	2198
7	HfF_4-KF	40	420.0	2030
8	HfF_4-KF	57	420.0	2022
9	$KF-ZrF_4$	58 APP	420.0 APP	968
0	$PbF_2-K_2SO_4-PbSO_4$	62–12–26	420.0	368
1	$MnCl_2-NaCl$	47	420.0	1366
2	$CaCl_2-KCl-PbCl_2$	12–17–71	420.0	395
3	$CeCl_3-KCl-MgCl_2$	2.1–67.2–30.7	420.0	114
4	$KCl-MgCl_2-PrCl_3$	73.4–20.0–6.6	420.0	505
5	$KCl-MnCl_2$	67	420.0	1366
6	$BaCl_2-InCl_3$	40	420.0	1478
7	$CaCl_2-TlCl$	7.5	420.0	1918
8	$CdCl_2-CsBr$	42.8	420.0	1008
9	$CsI-NaCl-NaI$	47.5–7.2–45.3 APP	420.0	1010
0	$CsCl-Cs_2SO_4-PbCl_2$	4.9–45.8–49.3	420.0	1103
1	$CsCl-PbCl_2-PbSO_4$	18.2–80.9–9	420.0	1103
2	Na_2O-TeO_2	38	420.0	2194
3	$KPO_3-K_4P_2O_7-KVO_3$	25–11–64	420.0	2681
4	$KF-TiF_4$	NA	420.0	3028
5	$KCl-ThCl_4$	46	420.0 ±2	2856
6	$Cs_2CO_3-K_2CO_3-Li_2CO_3$	NA	420.0	2874
7	$BaCl_2-CaCl_2-KCl-NaCl$	14–45–8–33	421.0	1811
8	$KCl-PbCl_2$	22.2	421.0	13 71 76 104 253 322
9	$FeCl_2-PbCl_2$	28.5	421.0	645
0	$CdBr_2-CsBr$	42.3	421.0	1008 1010
1	$CsCl-NaCl-PbCl_2$	59.3–17.3–23.4	422.0	900
2	$CaCl_2-KCl-PbCl_2$	17.5–15.5–67	422.0	395
3	$CsCl-PbCl_2$	10	422.0	1103
4	$Cs_2CO_3-Li_2CO_3-Na_2CO_3$	15–43.5–41.5	422.0	2845
5	$BaCl_2-BaF_2-LiCl-NaCl$	8.5–9–73–9.5	422.0	2861
6	$AgCN-NaCN$	NA	422.0	3111
7	$CoCl_2-KCl$	NA	422.0	3143
8	$KCl-YbCl_3$	55	423.0	950
9	$TlBr-TlCl$	40	423.0	871 1021
0	K_2SO_4-TlCl	2	423.0	871
1	$CsI-NaF-NaI$	50–1.5–48.5	423.0	2968
2	$HoCl_3-NaCl$	53	424.0	2235
3	$CoCl_2-PbCl_2$	23.5	424.0	645
4	$AgCl-Li_2CrO_4$	98.9	424.0	764
5	$AgCl-Li_2CrO_4$	99	424.0	943
6	$LiCl-NaCl-SrCl_2$	48.4–22.6–29.0	424.0	3040
7	$As_2S_3-Na_2S$	36 APP	424.0 ±5	3091
8	$K_2WO_4-Li_2WO_4-Na_2WO_4$	NA	424.0	3226
9	$CsBr-CsCl-CsF$	28–27–45	424.0	2832
0	$TeBr_4-TlBr_4$	82	424.0	2875
1	$CsF-ZrF_4$	58	425.0	991
2	$CaCl_2-KCl-LiCl$	31–14.5–54.5	425.0	98
3	$CdCl_2-CsCl-NaCl$	21.9–64.6–13.4	425.0	320
4	$MnCl_2-NaCl$	50	425.0	713
5	$NaCl-YCl_3$	55	425.0	1154
6	$TlBr-TlCl$	35	425.0	238
7	MgI_2-NaI	39	425.0	1918
8	$AgVO_3-K_2SO_4-KVO_3$	37–4–59	425.0	2878
9	$LiF-NaF-RbF$	46.5–6.5–47	426.0	512
0	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

ator iber	System	Mol %	T, °C	References
9	$CdCl_2$–LiCl–Li_2MoO_4	62.5–14.8–22.7	434.0	766
0	CsI–PbI_2	60.6	434.0	2198
1	CsCl–NaCl–Na_2SO_4	61–13.2–25.8	434.0	2969
2	KCl–$MgCl_2$	66.6	435.0	1125
3	$BaCl_2$–TlCl	100 APP	435.0 APP	1918
4	$BaCl_2$–$CaCl_2$–$CaSO_4$–NaCl	14.8–48.15–1.65–35.4	435.0	1226
5	KI–$ZnSO_4$	47.3	435.0	3249
6	CsCl–Cs_2SO_4–NaCl	23–3–74	435.0	2954
7	$CrCl_2$–KCl–NaCl	28.2–21.8–50.0	435.0	3001
8	NaCl–$ThCl_4$	43.5	435.0 ±2	2856
9	NaCl–$ThCl_4$	55	435.0 ±2	2856
0	RbCl–$ThCl_4$	42	435.0 ±2	2856
1	AgCl–$CdCl_2$–$CdSO_4$	56–43–1 APP	435.0	3112
2	NaCl–UCl_4	70	435.4	3246
3	LiF–NaF–ZrF_4	26–37–37	436.0	1258
4	KCl–YCl_3	56	436.0	1154
5	$MnCl_2$–RbCl	29	436.0	1077
5	AgCl–$LiVO_3$	99.5	436.0	7
7	AgCl–Na_2MoO_4	97.5	436.0	7
3	KCl–Li_2SO_4–Li_2WO_4	40–48–12	436.0	351
)	$BaSO_4$–Na_2SO_4–RbCl	1.5–40.5–58	436.0	2903
)	$CrCl_2$–NaCl	46.3	437.0	506 784 2155
L	KCl–$MgCl_2$	66.7	437.0	156
2	$CaCl_2$–NaCl–$SrCl_2$	32–36–32	437.0	2654
3	CsCl–Cs_2SO_4–Na_2SO_4	55.6–6.5–37.9	437.0	2969
4	LiF–NaF–RbF	42–10–48	437.0	2917
5	CsF–LiF–ScF_3	60–39.9–0.1	438.0	1310
5	KI–TlI	10	438.0	1918
7	KCl–$MgCl_2$–MgF_2	41.0–54.1–4.9	438.0	2986
3	CsBr–CsF	51.5	438.0	2832
)	AgCl–$CdCl_2$	56 APP	438.0	3112
)	$BaCl_2$–CsCl–NaCl	13.4–38.9–47.7	439.0	1880
L	$CdBr_2$–CsBr	25	439.0	2071
2	CsCl–CsF	51	440.0	1223
3	KF–PbF_2–$PbSO_4$	60–38–2	440.0	368
4	NaF–PbF_2–$PbSO_4$	19–55–26	440.0	367
5	PbF_2–K_2SO_4–$PbSO_4$	63–25–12	440.0	368
5	$CaCl_2$–LiCl–NaCl	34.23–52.34–13.43	440.0	261
7	$BaCl_2$–$CaCl_2$–NaCl	16.3–46.9–36.7	440.0	1683
3	$CaCl_2$–$CeCl_3$–NaCl	38.8–12.2–49.0	440.0	437
)	KCl–NaCl–$PrCl_3$	32.4–19.6–48.0	440.0 ±3.	243
)	LiCl–TeO_2	23.8	440.0	926
	$PbCl_2$–SnS	82.6	440.0	883
2	BaI_2–SrI_2	23	440.0	1918
3	K_2SO_4–$ZnSO_4$	43	440.0	1323
4	KCl–KF–LiF–NaF	2.9–42.0–44.0–11.1	440.0	2658
5	$Ca(NO_3)_2$–$LiNO_3$–$NaNO_3$	15–43–42	440.0	2806
5	KCl–NaCl–UCl_3	60–24–16	440.0 ±2	2813
7	KCl–YCl_3	54	440.0	2835
3	Cs_2CO_3–K_2CO_3–Li_2CO_3	NA	440.0	2874
)	KBF_4–KF	76	441.0	1062
)	KCl–$MgCl_2$–YCl_3	59–38–3	441.0	1154
	$PbCl_2$–PbS	75.3	441.0	733 805
2	K_2SO_4–Na_2SO_4	75	441.0	2959
3	KF–LiF–RbF	24–50–26	441.0	2917
4	$MgCl_2$–NaCl	43.8	442.0	1104
5	$CdCl_2$–RbCl	31	442.0 APP	1918
5	$CdCl_2$–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	$Ag_2S-Cu_6{\cdot}5As_2S_6{\cdot}2_5$	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

cator mber	System	Mol %	T, °C		References				
25	$BaBr_2$–SrI_2	20 APP	450.0	1918					
26	BaI_2–SrI_2	20	450.0	512					
27	Li_2CrO_4–LiOH	63.9	450.0	942					
28	K_2SO_4–$ZnSO_4$	57	450.0	1323					
29	K_2TiF_6–Li_2TiF_6–Na_2TiF_6	2–85–13	450.0	2934					
30	$CaCl_2$–$CaSO_4$–LiCl	32.2–3.4–64.4	450.0	2961					
31	K_2NbCl_5–LiCl–LiF	30.7–45.3–24	450.0	2828					
32	$CaCl_2$–NaCl–$SrCl_2$	48.5–41–10.5	450.0	2892					
33	$BaCl_2$–$CdCl_2$	43	450.0	3164					
34	B_2O_3–SiO_2	1 APP	451.0 ±1	1150					
35	$KBeF_3$–KPO_3	20	452.0	3245					
36	NaCl–VCl_3	71	452.0	428					
37	AgCl–$MgCl_2$	87.5	452.0	156					
38	CsCl–$PbBr_2$	68.0	452.0	1994					
39	$CoCl_2$–LiCl–Li_2SO_4	13.9–61.1–25	452.0	375					
40	NaBr–TlBr	25	452.0	52	245	283			
41	KVO_3–$NaVO_3$	79	452.0	1979					
42	CsCl–NaBr–RbCl	37.5–37.5–25	452.0	2812					
43	LiBr–LiF	70.7	453.0	1066					
44	NaCl–$PuCl_3$	64	453.0	418	470				
45	$PbCl_2$–PbS	75	453.0	883					
46	LiBr–$SrBr_2$	67.5	453.0	1918					
47	LiBr–LiH	70.3	453.3	1321					
48	KF–LiF–NaF	42–46.5–11.5	454.0	8	24	48	179	429	481
49	$PbCl_2$–PbF_2	90	454.0	801					
50	LiCl–LiF–LiH	56–23–21	454.0	1014					
51	$BaCl_2$–$CaCl_2$–NaCl	17–47–36	454.0	1096					
52	NaCl–$YbCl_3$	40	454.0	2495					
53	$HoCl_3$–KCl	45	454.0	1289					
54	$MnCl_2$–RbCl	33	454.0	1077					
55	$CsVO_3$–$NaVO_3$	57.5	454.0	2496					
56	LiCl–$TiCl_3$	83	454.0	3030					
57	$KBeF_3$–KPO_3	20	455.0	1413					
58	KCl–$KTaOCl_4$	14.5	455.0	1294					
59	KCl–$MgCl_2$–$ZrCl_4$	45.5–52.7–1.8	455.0	1125					
60	LiCl–Li_2SO_4–Li_2CO_3	52.9–27.2–19.8	455.0	454					
61	Li_2MoO_4–$Li_4P_2O_7$–$Na_4P_2O_7$	64.9–33.8–1.3	455.0	1123					
62	K_2SO_4–V_2O_5	55	455.0	2735					
63	LiCl–UCl_3–UF_4	13–34–53	455.0 ±2	2830					
64	KF–K_2NbCl_5–LiF	37.6–41.7–17.1	455.7	2828					
65	BeF_2–LiF	20	456.0	149	429	810			
66	BeF_2–LiF	33.3	456.0	149	429	810			
67	KCl–Li_2SO_4	48.5	456.0	133	351				
68	KCl–Li_2SO_4	42.5	456.0	2941					
69	$BaCl_2$–LiCl–NaCl	18.3–60.4–21.3	456.0	3040					
70	NaBr–Na_2CO_3–RbBr	40–14–46	456.0	2826					
71	$CaCl_2$–NaCl–$SrCl_2$	30–40–30	456.0	2892					
72	KF–LiF–NaF	42–46.5–11.5	457.0	48					
73	$CaCl_2$–$PbCl_2$	21	457.0	2660					
74	$AgVO_3$–KVO_3	82	457.0	2680					
75	KI–KIO_3	41	457.0	3192					
76	$CaCl_2$–$CeCl_3$–NaCl	48–21–31	458.0	742	2447				
77	$FeCl_2$–RbCl	40.5	458.0	1365					
78	$CdCl_2$–CsCl	36	458.0	825					
79	$CdCl_2$–CsCl	70.9	458.0	320					
80	LiCl–Li_2SO_4–NaCl	54.8–29–16.1	458.0	133	2296				
81	Na_2O–TeO_2	16.7	458.0	2194					
82	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

tor ber	System	Mol %	T, °C	References
5	$LiCl-Na_2TiF_6$	37.7	482.0	3244
7	$LiCl-Na_2TiF_6$	38	482.0	468
3	$KF-K_2WO_4-LiF$	46.7–1.5–51.8	482.0	489
)	$CaCl_2-CsCl-NaCl$	1.3–64.2–34.5	482.0	185
)	$KCl-MgCl_2-ZrCl_4$	68.6–18.6–12.8	482.0	1125
.	$KCl-SmCl_3$	44	482.0	950
!	$CsCl-NaBr$	62.5	482.0	1689
;	$LiCl-Li_2SO_4$	63.5	482.0	2564
,	$SrCl_2-Sr(NO_3)_2$	53	482.0	239 680
,	$LiBO_2-LiCl-Li_2WO_4$	5.3–49.6–45.1	482.0	193
,	$CsBr-NaBr$	57	482.0	1689
	$LiCl-Li_2SO_4$	46.5	482.0	2763
,	$KF-LiF-SrF_2$	46.5–50.1–3.4	483.0	474
	$KBF_4-K_2ZrF_6$	68	483.0	1202
	$KCl-PrCl_3$	43	483.0	243 264 505
	$BaBr_2-LiBr$	25	483.0	62
	$BaBr_2-LiBr$	NA	483.0	3135
	KF–LiF	50	484.0 ±8	8 15 138 179 300 474
				475 481
,	LiCl–LiF	69.5	484.0	46
.	$KF-KVO_3-NaF$	11–87–2	484.0	299
,	$LiCl-Li_2SO_4$	64.4	484.0	826
	$K_2MoO_4-MoO_3$	47.6	484.0	1205
.	$K_2CO_3-K_2Mo_4O_{13}$	54	484.0	1281
'	KVO_3-NaVO_3	86	484.0	2496
,	$NaF-ZrF_4$	48	485.0	4 24 153 155 429 467
	PbF_2-RbF	32	485.0	390
	$CaCl_2-CaF_2-LiCl$	6.0–15.1–78.8	485.0	361
	LiCl–LiF	73.6	485.0	1066
,	LiCl–LiF	80	485.0	46
	$RbCl-Rb_2VOCl_4$	43	485.0	2388
.	$CaCl_2-CaSO_4-NaCl$	51.7–2.7–45.5	485.0	1683
	$CaSO_4-NaCl-Na_2SO_4$	2.7–45.5–51.7	485.0	1439 1683
.	$FeS-Na_2S-PbS$	24.7–61–14.3 APP	485.0	2260
	$Li_2WO_4-Na_2WO_4$	48	485.0	2955
	$B_2O_3-PbO-V_2O_5$	24.5–74–1.5	485.0	3094
	$KCl-K_2NbCl_5-LiF$	27.5–54.6–17.9	485.0	2828
	$BeF_2-NaF-UF_4$	17–72.5–10.5	486.0	856
	CsCl–NaCl	65 APP	486.0	61 89 185 320 435 768
				789
,	LiCl–LiH	63	486.0	1014
.	$NaBr-SrBr_2$	56	486.0	793
,	$MoCl_3-NaCl$	52.5	486.0	2935
	$NaBr-RbBr-Rb_2CO_3$	32–35–33	486.0	2826
;	$KF-K_2NbCl_5-LiF$	29–50–21	486.0	2828
)	$K_2CrO_4-KF-LiF$	.5–48–51.5	486.0	2855
)	$K_2TaCl_5-NaCl-NaF$	86–5–9	486.0	2869
	$NaBr-SrBr_2$	NA	486.0	3135
;	KF–LiF	50	487.0	1107
,	$LiCl-SrCl_2$	63	487.0	411
,	$CeCl_3-NaCl$	47	487.0	743
,	AgCl–LiBr	26	487.0 APP	1379
)	$CaCl_2-MgCl_2-UCl_4$	9–38–53	487.0	2948
'	$KCN-Zn(CN)_2$	NA	487.0	3111
;	LiCl–LiF	70	488.0	900
)	KCl–KF–KI	34–25–41	488.0	512
)	$LiCl-SrCl_2$	67.7	488.0	758
	$CeCl_3-NaCl$	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	$CsCl-Cs_9VOCl_4$	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

:or ber	System	Mol %	T, °C	References					
	LiCl–LiH	66	495.6	822					
	KI–K_2ZrF_6	44	496.0	1435					
	$CaCl_2$–LiCl	38	496.0	776					
	$PuCl_3$–UCl_3	56	496.0	2664					
	Li_2SO_4–RbCl–Rb_2SO_4	56.4–35.4–8.2	496.0	2763					
	K_2CrO_4–KF–Li_2CrO_4	49–15–36	496.0	2855					
	CsI–NaCl	65	497.0	1010					
	$BaCl_2$–$Ba(NO_3)_2$	37.3	497.0	10					
	$AgPO_3$–$NaPO_3$	43	497.0	3069					
	Ag_2SO_4–Tl_2SO_4	67	497.0	3117					
	NaF–PbF_2	32	498.0	367	390				
	LiCl–LiF	70	498.0	907					
	$CaCl_2$–NaCl	52.5–55	498.0 ±8.	42	59	62	183	255	259
				461	529				
	CsCl–$FeCl_2$	20.7	498.0	2497					
	LiCl–Li_2MoO_4	58.1	498.0	766					
	Rb_2O–V_2O_5	21	498.0	1134					
	K_2CO_3–Li_2CO_3	57.3	498.0	881					
	CsI–RbCl	55.5	498.0	2942					
	Li_2SO_4–RbCl	47.5	498.0	2763					
	KCl–UCl_3–UF_4	46.5–48.5–5	499.0	2217					
	$CeCl_3$–NaCl	46	499.0	742	2447				
	CsCl–$MnCl_2$	79.5	499.0	286					
	Li_2SO_4–NaCl	58.7	499.0	133	347	408			
	$MnCl_2$–$SrCl_2$	45	499.0	3164					
	Li_2CO_3–Na_2CO_3	53.3	499.8	1263					
	HfF_4–NaF	42	500.0	1828	2022				
	NaF–ZrF_4	59.5	500.0	4	24	153	155	429	467
	CsF–PbF_2	72	500.0	72					
	$CdCl_2$–LiCl	(63–64)	500.0	14	374	689	766		
	$CdCl_2$–LiCl	60	500.0	870					
	$CdCl_2$–LiCl	63–64	500.0	1174					
	$CdCl_2$–LiCl	70 APP	500.0 APP	1918					
	K_2NbCl_5–LiCl	32	500.0	1479					
	$CaCl_2$–NaCl	52.8	500.0	156					
	$CaCl_2$–NaCl–RbCl	52.5–45–2.5	500.0	184					
	$EuCl_3$–KCl	45	500.0	1482					
	KCl–$TbCl_3$	15	500.0	1482					
	$MnCl_2$–$SrCl_2$	36	500.0	61	716				
	NaCl–$NiSO_4$	75	500.0	2505					
	CuI–InI_3	92.5	500.0	901					
	PbO–$PbTeO_3$	45	500.0	2067					
	Cu_2S–Na_2S–PbS	64.5–6.6–28.9	500.0	1850					
	Na_2SO_4–UO_2SO_4	72	500.0	1857					
	$Ba(NO_3)_2$–$Ca(NO_3)_2$	41.9	500.0	1237					
	Li_2CO_3–Na_2CO_3	52	500.0	881					
	$BaTiO_3$–KVO_3	0.5	500.0	723					
	$CdCl_2$–CdS	74	500.0	2612					
	$CdCl_2$–CdS	73.6	500.0 ±5	2656					
	KCl–NaCl–$SrCl_2$	33–31–36	500.0	2730					
	KBr–NaBr–RbCl	22–46–32	500.0	2937					
	NaBr–RbCl	54	500.0	2937					
	Rb_2TeO_3–TeO_2	36.5	500.0	3007					
	KVO_3–$Mg(VO_3)_2$	89	500.0	3086					
	KCl–$KReO_4$	25	500.0 ±5	2765					
	KBr–$KReO_4$	50	500.0 ±5	2765					
	KI–$KReO_4$	60	500.0 ±5	2765					
	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

or	System	Mol %	T, °C	References					
ber									
	BeF_2–NaF–ThF_4	22–72–6	509.0	1260					
	NaF–ZrF_4	52	510.0	1175	1258				
	$BaCl_2$–LiCl	33	510.0	389					
	$BaCl_2$–LiCl	34.9	510.0	833					
	KCl–NaCl–UCl_3	30–35–35	510.0	2217					
	KCl–NaCl–YCl_3	16.25–54.25–29.50	510.0	1208					
	$DyCl_3$–KCl	88.5	510.0	1046					
	$MgCl_2$–RbCl	65	510.0	77	163				
	CsCl–Cs_2NbOCl_5	40	510.0	1048					
	CsCl–$SbCl_3$	67.5	510.0	1133					
	CsCl–$SmCl_3$	55	510.0	1011					
	CsCl–YCl_3	48	510.0	1206					
	KI–NaCl	57	510.0	3232					
	CsCl–$CsPO_3$	47	510.0	2189					
	K_2MoO_4–Li_2MoO_4–$Li_4P_2O_7$	34.3–64.6–1	510.0	1155					
	$CdCl_2$–CdSe	78	510.0	2612					
	K_2SO_4–MoO_3	22 APP	510.0	2706					
	$BaCl_2$–NaCl–RbCl	22–32–46	510.0	2971					
	NaCl–Na_2CO_3–NaI	32–18–50	510.0	2990					
	CsCl–$PuCl_4$	84.5±.5	510.0	2801					
	KCl–$ThCl_4$–UCl_3	71.5–18–10.5	510.0	2805					
	NaBr–Na_2CO_3–Rb_2CO_3	40–28–32	510.0	2826					
	B_2O_3–MoO_3–PbO	NA	510.0	2824					
	CsCl–$PuCl_4$	NA	510.0	2877					
	Ag_2SO_4–Tl_2SO_4	37	510.0	3117					
	$BaCl_2$–$CaCl_2$–CaF_2–KCl	21.1–62.7–7.1–9.2	511.0	876					
	KCl–NaCl–Na_2TiF_6	31.7–5.4–62.9	511.0	761					
	CsCl–$MgCl_2$	78.5	511.0	163					
	NaF–ZrF_4	50.5	512.0	4	24	153	155	429	467
	$BaCl_2$–LiCl	25	512.0	128	897				
	$CdCl_2$–LiCl	33	512.0	120	375	503			
	CsCl–NaI	23	512.0	1010					
	KCl–NaI	30	512.0	3232					
	$CdCl_2$–$CdSO_4$–Li_2SO_4	NA	512.0	374					
	$CaBr_2$–NaBr	60	512.0 ±2	1918					
	NaI–RbI	47.5	512.0	1271					
	Rb_2O–V_2O_5	54	512.0	1134					
	NaCl–$NaPO_3$–Na_2SO_4	25–71–4 APP	512.0	2716					
	$CaSO_4$–LiCl	14	512.0	2961					
	Na_2CO_3–RbBr–Rb_2CO_3	39–30.5–30.5	512.0	2826					
	$Ca(VO_3)_2$–KVO_3	NA	512.0	2838					
	$CaCrO_4$–$Ca(NO_3)_2$	2 APP	512.0	3174					
	KCl–NaCl–$ZrCl_4$	44–36–20	513.0 ±3	1302					
	K_2MoO_4–Li_2MoO_4	32.5	513.0	1155					
	$CaBr_2$–NaBr	NA	513.0	3135					
	CsCl–UCl_4	78	513.3	3246					
	KBr–K_2CO_3–KF	41.2–25–33.7	514.0	875					
	$BaCl_2$–LiCl	30	514.0	42					
	KCl–RbCl–$SrCl_2$	42.5–27–30.5	514.0	2053					
	RbCl–$ScCl_3$	47 APP	514.0	2212					
	$CaSO_4$–LiCl	14.4	514.0	2242					
	KCl–NaCl–Na_2SO_4	55.1–3.5–41.3	514.0	406					
	KCl–K_2WO_4–Li_2WO_4	27.6–36.2–36.2	514.0	351					
	LiBr–NaBr	79	514.0	985					
	KI–RbI	37	514.0	1271					
	$CuSO_4$–Na_2SO_4	NA	514.0	3148					
	$CaCl_2$–KCl–NaCl	20.75–47.75–31.5	515.0	99	461				
	$NbOCl_3$–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	$BaCl_2$–$CaCl_2$–CaCl	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

cator mber	System	Mol %	T, °C	References				
16	$CeCl_3$–KCl	54.7	540.0	745				
17	$GdCl_3$–KCl	85	540.0	1046				
18	$CaCl_2$–$CdCl_2$	15 APP	540.0	1918				
19	$CaCl_2$–$CdCl_2$	15.5	540.0	156				
20	$FeCl_2$–YCl_3	41.5	540.0	1154				
21	$MgCl_2$–UCl_4	30.7	540.0	2214				
22	$CdCl_2$–$CdSO_4$	85	540.0	304	348	350	374	
23	LiCl–$LiPO_3$	57	540.0	2189				
24	UCl_4–UO_2	91	540.0	1394				
25	Na_2O–V_2O_5	58.5	540.0	1433				
26	Cs_2SO_4–Li_2SO_4–Na_2SO_4	2–61.5–36.5	540.0	1372				
27	Cs_2SO_4–Li_2SO_4–Na_2SO_4	5–37–58	540.0	1372				
28	Li_2SO_4–$PbSO_4$–Rb_2SO_4	76–11–13	540.0	891				
29	K_2CO_3–$K_2Mo_4O_{13}$	11	540.0	1281				
30	$CdCl_2$–CdO	86	540.0	2612				
31	LiCl–NaCl	30	540.0	2702				
32	KCl–$TiCl_2$–VCl_3	41–14–45	540.0	3055				
33	B_2O_3–PbO–V_2O_5	40–59–1.0	540.0	3094				
34	B_2O_3–PbO–V_2O_5	44–54.5–1.5	540.0	3094				
35	$CaBr_2$–LiBr	39.9	540.0	2759				
36	$CaBr_2$–LiBr	39.9	540.0	2770				
37	K_2MoO_4–$KReO_4$	95.0	540.0	3253				
38	$Mg(VO_3)_2$–$NaVO_3$	21	540.0	2777				
39	BeF_2–CeF_3	96	540.0	2815				
40	$CaCl_2$–Na_2TiF_6	39.7	541.0	468	3244			
41	NaCl–RbCl	45	541.0	61	62	184	435	
42	$NaVO_3$–V_2O_5	71	541.0	2775				
43	$NaVO_3$–V_2O_5	71	541.0	2864				
44	$CoCl_2$–$SrCl_2$	50	541.0	3144				
45	$BaCl_2$–$CaCl_2$–CaF_2	34–62.5–3.5	542.0	360				
46	$BaCl_2$–KCl–NaCl	27.8–37.2–35	542.0	1244				
47	$BaCl_2$–KCl–NaCl	28–39–33	542.0	730				
48	CsCl–$MgCl_2$	63	542.0	163				
49	Li_2MoO_4–$LiVO_3$	14.3	542.0	3078				
50	Na_2MoO_4–$NaVO_3$	36	542.0	3078				
51	$NaVO_3$–V_2O_5	70	542.0	2762				
52	NaCNO–Na_2CO_3	NA	542.0	3206				
53	$CeCl_3$–KCl–NaCl	20.3–46–33.7	543.0	745				
54	$BaCl_2$–CsCl	27.6	543.0	1880				
55	$CdCl_2$–Li_2SO_4	96.5	543.0	374				
56	KCl–UCl_3	50	543.0	2831				
57	KF–KI	34	544.0	1918				
58	$CrCl_3$–NaCl	5	544.0	2259				
59	KCl–Na_2CO_3–Na_2SO_4	55.6–18.4–26	544.0	1035				
60	$CaBr_2$–KBr	35	544.0	1918				
61	K_2CrO_4–Li_2CrO_4	54	544.0	942				
62	$LiVO_3$–Li_2WO_4	88.9	544.0	3078				
63	$KReO_4$–K_2WO_4	5.0	544.0	3253				
64	$CaSO_4$–Li_2SO_4–Rb_2SO_4	NA	544.0	2884				
65	$CaBr_2$–KBr	NA	544.0	3135				
66	$CdCl_2$–LiF	87	545.0 ±5	26				
67	KCl–NaCl–$NbCl_4$	21.7–45.0–33.3	545.0 ±3	250				
68	$CrCl_3$–RbCl	36.8	545.0	1173				
69	$CsBO_2$–CsCl	47.5	545.0	2291				
70	UCl_4–UO_2	93.1	545.0	2214				
71	K_2MoO_4–Li_2MoO_4–$Li_4P_2O_7$	58.6–40.4–1	545.0	1155				
72	Bi_2Te_3–Tl_2BiTe_6	75	545.0	2690				
73	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–$SmCl_2$	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–$TaCl_3$	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

rator mber	System	Mol %	T, °C		References
44	LiH–NaCl	55.2	565.7	1320	
45	$KBr–Na_2CO_3–NaF$	53.2–34.4–12.4	566.0	875	
46	CsI–RbI	65	566.0	1127	
47	$RbPO_3–Zn(PO_3)_2$	85 APP	566.0	2956	
48	$Li_2SO_4–RbCl–Rb_2SO_4$	13.2–53.6–33.2	566.0	2763	
49	$RbBr–Rb_2CO_3$	60.5	566.0	2826	
50	$Bi_2Te_3–In_2Te_3$	50	567.0	2623	
51	CsF–LiF–MnF_2	10–40–50	568.0	1798	
52	$LiF–ThF_4$	71	568.0	252	464
53	$AlF_3–KF$	40	568.0	688	
54	$K_2CO_3–NaF$	45.2	568.0	875	
55	$K_2CO_3–NaF$	49	568.0	728	
56	$RbCl–YCl_3$	23	568.0	2236	
57	$CsCl–WCl_5$	89	568.0	1051	
58	$InAs–Sn_3As_2$	10	568.0	2327	
59	NaCl–Na_2TiF_6	42.1	569.0	460	3244
60	$CsCl–LaCl_3$	90	569.0	114	
61	$CsCl–ScCl_3$	43.5	569.0	945	
62	$BaCl_2–CaCl_2–CaSO_4$	33–61–6	569.0	1683	
63	$LiF–ThF_4$	78	570.0	429	
64	$LiF–ZrF_4$	70.5	570.0	1258	
65	CsF–MnF_2–NaF	74–8–18	570.0	1798	
66	KF–NaF–ThF_4	15.5–69–15.5	570.0	148	
67	KCl–KF–NaF	46.5–39.5–14	570.0	1168	
68	$KBr–K_2ZrF_6$	43.5	570.0	1435	
69	$LiCl–MgCl_2$	60	570.0	1918	
70	$CrCl_3–KCl–NaCl$	23–5–72	570.0	1110	
71	$CrCl_3–NaCl$	31.4	570.0	1110	
72	$NbOCl_3–RbCl$	23 APP	570.0 APP	963	
73	$MgCl_2–YCl_3$	40	570.0	1154	
74	$CsCl–Cs_2SO_4–SrSO_4$	77.3–19–3.7	570.0	1216	
75	$CsBr–Cs_2SO_4$	78.8	570.0	2055	
76	$Bi_2O_3–MoO_3–PbO$	29–2–69	570.0	1109	
77	$Bi_2Te_3–Ga_2Te_3$	55	570.0	2029	
78	$AlF_3–LiF–NaCl$	52–28–20	570.0	2628	
79	NaCl–Na_2TiF_6	36	570.0	2630	
80	RbCl–RbI	44	570.0	2942	
81	$CaCl_2–RbCl–RbF$	20.5–75.3–4.2	570.0	3077	
82	$BaCl_2–CaCl_2–RbCl$	12–10–78	570.0	2811	
83	$Ca(VO_3)_2–NaVO_3$	25	570.0	2838	
84	$KBO_2–K_2SO_4–LiBO_2$	34–2–64	570.0	3201	
85	$Bi_2Te_3–In_2Te_3$	62 APP	571.0	2353	
86	LiF–NaF–ZrF_4	55–22–23	572.0	1258	
87	$CsCl–ZrCl_4$	84.8	572.0	83	
88	$LiBO_2–LiCl$	19	572.0	193	
89	KCl–LiF–NaCl–NaF	10.7–35.2–23.3–30.8	572.0	2658	
90	$K_2WO_4–Li_2WO_4$	63.5	572.0	3179	
91	NaCl–NaI	38.5	573.0	2442	
92	$BeCl_2–RbCl$	19.4	573.0	3102	
93	$CaCl_2–CaCrO_4–KCl$	23.2–5.6–71.2	573.0	2915	
94	$CsBO_2–LiCl$	5	574.0	2291	
95	$Cs_2SO_4–Li_2SO_4–PbSO_4$	17.5–63.5–19	574.0	978	
96	$CaCO_3–CaF_2–Ca(OH)_2$	29.7–20.1–50.2	575.0	970	
97	NaCl–NaF–Na_2CO_3	42.5–20.5–37	575.0	729	
98	$BiCl_3–KCl$	24	575.0	1918	
99	$KCl–SrCl_2$	55.6	575.0	239	
500	$KBr–TiBr_3$	60	575.0	772	
501	$MoO_3–Na_2SO_4$	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

ator nber	System	Mol %	T, °C	References
50	$CaCl_2$–CaF_2–RbCl	77.8–10.9–11.3	580.0	3077
51	CsBr–KCl	SER SOLID SOL	580.0	2758
52	CsCl–KBr	NA	580.0 SER SOLID SOL	2758
53	$CaBr_2$–RbBr	18.0	580.0	2770
54	CsF–KF–Sc_2SO_4	46–42–12	580.0	2807
55	Li_2SO_4–$MnSO_4$	35	580.0	3153
56	CsF–MgF_2	15	581.0	2203
57	$CaCl_2$–K_2TiF_6	59	581.0	761
58	KBr–KF	60	581.0	61 62
59	KCl–$TiCl_3$	62.5	581.0	75
70	LaF_3–RbF	21	582.0	1171
71	LiF–NaCl–NaF	40–24–36	582.0	994
72	$Li_4P_2O_7$–NaF–$Na_4P_2O_7$	13–71–16	582.0	429
73	$CrCl_3$–NaCl	31	582.0	990
74	$BaCl_2$–CsCl	49.7	582.0	1880
75	$CrCl_2$–CsCl	72	582.0	784
76	CsCl–$NdCl_3$	90	582.0	114
77	K_2SO_4–$PbSO_4$–Tl_2SO_4	1.5–23–75.5	582.0	918
78	PbTe–Sb_2Te_3	38	582.0	1731
79	KCl–NaCl–$TiCl_2$	50–36–14	582.0	3033
80	KCl–$PuCl_4$	81.5±.5	582.0	2801
81	KBO_2–$LiBO_2$	44	582.0	3201
82	NaCl–Na_2ZrF_6	51.7	583.0	1688
83	$CaCl_2$–KCl	25	583.0	42 55 63 96 98 156 259 370 461 815
84	CsV_2O_5–V_2O_5	59	583.0	3037
85	Ag_2SO_4–K_2SO_4	67	583.0	3112
86	CsF–LiF–ScF_3	26–51–23	584.0	1310
87	K_3AlF_6–KCl–KF	.7–44.6–54.7	584.0	1168
88	K_3AlF_6–KCl–KF	0.67–54.73–44.59	584.0	1297
89	NaCl–NaF–Na_2ZrF_6	48.7–1.5–49.8	584.0	1688
90	$CeCl_3$–CsCl	14	584.0	114
91	CsCl–YCl_3	16.8	584.0	1286
92	KCl–$PbCrO_4$	71.8	584.0	1054
93	$LiBO_2$–LiCl	15	584.0	2291
94	CsBr–$TiBr_3$	90	584.0	837
95	Li_2SO_4–Na_2SO_4	63	584.0	511
96	$LiBO_2$–LiCl	15	584.0	2702
97	RbV_2O_5–V_2O_5	67	584.0	3270
98	LiF–ZrF_4	79	585.0	1227
99	$CaCl_2$–K_2TiF_6	94.6	585.0	761
00	KCl–NaCl–$NbCl_4$	46.4–41.2–12.4	585.0 ±3.	250
01	$CaCl_2$–$NdCl_3$	57	585.0	114 290
02	KCl–K_2SO_4–Li_2SO_4	47.9–26–26	585.0	351
03	$SrBr_2$–Sr_3N_2	89	585.0	1172
04	KI–NaI	42	585.0 APP	1725
05	$K_2B_4O_7$–KPO_3–K_2SO_4	19–75–6 APP	585.0	2731
06	K_2TaF_7–NaCl	30	585.0	2987
07	Fe_2O_3–TeO_2	13 APP	585.0 ±5	2998
08	KCl–KF–K_2ZrF_6	46–46–8	586.0	1680
09	CsBr–KBr	65	586.0	1010
10	$BaCl_2$–$CaCl_2$–RbCl	30.5–9.5–60	586.0	2811
11	K_2SO_4–K_2S	43	587.0	1075
12	NaCl–$NaMnF_3$	60.7	588.0	2595
13	NaCl–$NaMnF_3$	62.5	588.0	2376
14	KCl–$K_4P_2O_7$–NaF	42.7–17.5–39.7	588.0	2474
15	KCl–$SrCl_2$	71.5	588.0	239
16	$CaCl_2$–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

ıator ıber	System	Mol %	*T*, °C	References
5	$CsCl-TiCl_2$	90	593.0	31
6	$CaCl_2-CaO$	71.3	593.0	1176
7	$CsBr-TiBr_3$	27	593.0	837
8	$Li_2SO_4-Li_2WO_4$	68	593.0	136
9	$GeTe-Sb_2Te_3$	18	593.0	1229
0	$LiF-MnF_2-RbF$	46–50–4	594.0	2432
1	$NaF-YbF_3$	74	594.0	1312 1401
2	$CeCl_3-KCl$	19	594.0	90 107 114 264 741
3	$KCl-K_2ZrCl_6$	60	594.0	1302
4	$KCl-ZrCl_4$	75.8	594.0	83 201 794
5	$BaCl_2-CaCl_2$	36.5	594.0	10 61 324 360
6	$CsBr-RbBr$	85	594.0	1121
7	$Bi_2O_3-PbO-V_2O_5$	29.5–69.5–1	594.0	890
8	$Li_2SO_4-PbSO_4-Rb_2SO_4$	17–35.5–47.5	594.0	891
9	$B_2O_3-K_2O-P_2O_5$	14.5–42.0–43.5	594.0	2704
0	$KBO_2-LiBO_2-Li_3PO_4$	45–53–2 APP	594.0	2720
1	$CaCl_2-KCl$	25.7	594.0	3098
2	$CaCl_2-KCl$	25.7	594.0	2915
3	LuF_3-NaF	29	595.0	1401
4	$KI-K_2SiF_6$	68	595.0	2278
5	$KCl-TiCl_3$	66.4	595.0	434
6	$CsCl-NbCl_4$	90	595.0	387
7	$LiCl-NiSO_4$	89.5	595.0	369
8	$CaCl_2-PuCl_3-UCl_3$	NA	595.0	2842
9	$RbF-ZnF_2$	77	596.0	672
0	$NaF-NaVO_3$	17.5	596.0	299
1	$Li_2SO_4-NiCl_2-Ni_2SO_4$	70.5–7.5–22	596.0	369
2	$BaBr_2-NaBr$	42.8	596.0	894
3	$Li_2SO_4-Na_2SO_4$	63	596.0	2522
4	$CsCl-NaBO_2$	89	596.0	2702
5	$LiF-Li_2TiF_6$	63	596.0	2934
6	$KF-NaF-TiF_4$	23.4–46.6–30.0	596.0	3028
7	K_3ScCl_6-NaCl	24	596.0	3065
8	K_2SiF_6-NaCl	40	597.0	2278
9	$CrCl_3-NaCl$	22.2	597.0	1268
10	$CaCl_2-KCl$	26.6	597.0	42 55 63 96 98 156
				259 370 461 815
11	$BaCl_2-CaCl_2$	37	597.0	1105
12	$NaF-NaI$	18	597.2	2442
13	$LiF-ZrF_4$	79	598.0	1258
14	$KF-Na_2MoO_4$	19	598.0	377
15	BeF_2-CsF	14	598.0	1986
16	$KCl-KI$	49	598.0	122 167 616
17	$LiCl-Li_3VO_4$	97	598.0	523
18	$Bi_2O_3-PbO-TiO_2$	29.5–69.5–1	599.0	877
19	$LiF-ScF_3$	72.5	600.0	1797
20	$NaF-YbF_3$	72.5	600.0	1312 1401
21	$CsF-LaF_3$	87.5	600.0	1171
22	BaF_2-BeF_2	1.5 ±0.5	600.0	699
23	$Fe_2O_3-MgO-MnO-PbF_2$	9.7–3.2–9.7–77.4	600.0	1187
24	$KCl-NaF-Na_4P_2O_7$	48.4–32.8–18.7	600.0	2474
25	$KF-K_4P_2O_7-NaF$	33.6–17.5–48.8	600.0	895
26	$MgOMn(Fe_2O_4)_3-PbF_2$	4	600.0	1187
27	$CaCl_2-KCl$	26.6	600.0	1076 1926
28	$CsCl-SmCl_3$	92	600.0	1011
29	$KCl-K_2SO_4-K_2WO_4$	61.1–8.3–30.5	600.0	233
30	$BaBr_2-NaBr$	40	600.0	62
31	$Bi_2O_3-MoO_3$	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

ator nber	System	Mol %	T, °C	References					
0	$BaBr_2$–KBr	52 APP	609.0 APP	3232					
1	CsF–NaF	76	610.0	422					
2	K_2ZrF_6–Na_2ZrF_6	50	610.0	1183					
3	NaF–YF_3	70	610.0	1311	1401				
4	BeF_2–KF–LaF_3	5–78–17	610.0 ±5.	23					
5	NaCl–NaF–Na_2ZrF_6	35.1–42.9–22	610.0	1688					
6	$CaCl_2$–KCl	72	610.0	42	55	63	96	98	156
				259	370	461	815		
7	$CeCl_3$–KCl	19.8	610.0	745					
8	KCl–$PrCl_3$	81	610.0	243	505				
9	$CaCl_2$–$PuCl_3$	57	610.0	1064					
0	KBr–NaCl	48.5	610.0	949					
1	KCl–NaBr	47.2	610.0	949					
2	Li_2CO_3–NaCl	62.6	610.0	2052					
3	$BaBr_2$–Ba_3N_2	12.5	610.0	1061					
4	Bi_2O_3–MoO_3–PbO	22.5–72–5.5	610.0	1109					
5	Cs_2SO_4–Li_2SO_4	10	610.0	2026					
6	Ag_2Se–Bi_2Se_3	90	610.0	2083					
7	KCl–$TiCl_2$–$TiCl_3$	82–14–4	610.0	2669					
8	$LiBO_2$–$NaBO_2$–NaCl	41.5–43.5–15	610.0	2702					
9	CsBr–$NaBO_2$	96.5	610.0	2702					
0	$MgCl_2$–UF_4	50	610.0	2931					
1	Na_2SO_4–$NaVO_3$	14	610.0 ±5	2953					
2	Al_2O_3–$NaVO_3$	0.3	610.0	2768					
3	Al_2O_3–$NaVO_3$	0.3	610.0	2749					
4	KF–PrF_3	76 APP	610.0	3146					
5	BaF_2–$CaCl_2$	10	611.0	360	814				
6	NaF–Na_2MoO_4	20	611.0	336	377	443			
7	NaF–Na_2MoO_4	20	611.0	3038					
8	Fe_2O_3–MgO–PbF_2	10.7–10.7–78.6	612.0	1187					
9	KF–$K_4P_2O_7$–NaF	13.8–24.1–62	612.0	895					
0	$MgFe_2O_4$–PbF_2	12	612.0	1187					
1	KCl–$SrCl_2$	33	612.0	1274					
2	KCl–$SrCl_2$	33.3	612.0	2384					
3	RbCl–$TiCl_3$	83	612.0	21	75				
4	$CaCl_2$–CsCl	11	612.0	185	2500				
5	KCl–$PbCrO_4$	46.1	612.0	1054					
6	$K_2B_4O_7$–KCl–$Na_2B_4O_7$	11.8–42–46.2	612.0	354					
7	NaCl–Na_2SO_4–Na_2CO_3	51.8–24.1–24.1	612.0	279					
8	$CaCl_2$–CsCl	11.1	612.0	2759					
9	Cs_2SO_4–Li_2SO_4–$SrSO_4$	9–86–5	612.0	2853					
0	K_2CO_3–KI	24 APP	612.0	3185					
1	CsF–$Cs_2Ti_2O_5$	82.	613.0	722					
2	CsCl–$ScCl_3$	92.5	613.0	945					
3	$CaCl_2$–$CeCl_3$	78	613.0	114	271	437	734	742	2447
4	CsBr–CsCl	57.5	613.0	1010					
5	CsBr–CsCl	58.5	613.0	1008					
6	NaBr–Na_2CO_3	62.5	613.0	875					
7	$BaTiO_3$–$Pb(PO_3)_2$	0.7	613.0	723					
8	CaO–V_2O_5	13.5	613.0	2734					
9	KPO_3–$K_4P_2O_7$	80 APP	613.0	3199					
0	NaF–$NaPO_3$	52.5	614.0	1275	1362				
1	NaF Na_2MoO_4	20	614.0	336	377	443			
2	KCl–RbCl–$SrCl_2$	10–31–59	614.0	2053					
3	KCl–$PbCrO_4$	34.7	614.0	1054					
4	CaH_2–LiH	18.3±0.5	614.0 ±0.3	1741					
5	K_3PO_4–P_2O_5	23	614.0	2704					
6	$CaCl_2$–$CoCl_2$	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

ator nber	System	Mol %	T, °C	References
5	Li_2SO_4–$NiCl_2$	86.5	620.0	369
6	KCl–KPO_3	20	620.0	687 2189
7	$K_2B_4O_7$–KCl–$Na_2B_4O_7$	23.8–16.5–59.6	620.0 APP	354
8	$Fe_2(SO_4)_3$–Na_2SO_4	18	620.0	911
9	$Cu(PO_3)_2$–KPO_3	17	620.0	2380
0	$CaMoO_4$–CsCl	98.3	620.0	3228
1	$MgCl_2$–UF_4	80	620.0	2931
2	KCl–Li_3AlF_6	75±1	620.0 ±1	3006
3	Li_3AlF_6–SrF_2	45	620.0	3011
4	B_2O_3–PbO–V_2O_5	15–83.5–1.5	620.0	3094
5	$CaBr_2$–LiBr	66.7	620.0	2759
6	$BaCl_2$–BaF_2–NaCl–NaF	NA	620.0	2772
7	$MgCl_2$–ThF_4–UCl_3	21–57–22	620.0 ±2	2802
8	Na_2WO_4–$ZnWO_4$	81	620.0	2823
9	B_2O_3–MoO_3–PbO	NA	620.0	2824
0	Cs_2SO_4–Li_2SO_4–$SrSO_4$	20–78–2	620.0	2853
1	RbBr–Rb_2CrO_4	78	620.0	2920
2	Na_2MoO_4–$PbMoO_4$	72	620.0	3161
3	BaF_2–LiF–NaF	7–54.5–38.5	621.0	8 475
4	$CaCl_2$–$MgCl_2$	39	621.0	156
5	KCl–K_2WO_4	63.9	621.0	1044
6	Cd_3As_2–CdS	NA	621.0	2999
7	K_2NbF_7–LiF–NaF	46.0–18.5–35.5	621.0	3044
8	CsF–$CsVO_3$	83	621.0	3175
9	KCl–$ThCl_4$	82	622.0	1049
0	$CaCl_2$–$CaCO_3$	70	622.0	380
1	KCl–K_2CO_3–K_2SO_4	63–31.1–58	622.0	1034
2	KCl–K_2MoO_4	63	622.0	330 522 1044
3	NaCl–Na_2WO_4	82	622.0	311
4	B_2O_3–Bi_2O_3	19	622.0	1142
5	MoO_3–V_2O_5	27	622.0	1436
6	K_2TaF_7–LiF–NaF	41.6–21.4–37.0	622.0	3044
7	K_2O–WO_3	43.7	622.0	3056
8	K_2SO_4–$SrSO_4$–Tl_2SO_4	1.5–1.5–97	622.0	2850
9	$CrCl_3$–CsCl	5.5	623.0	838
0	$BaTiO_3$–$Pb_3(PO_4)_2$	16.5	623.0	723
1	$BaTiO_3$–$Pb(BO_2)_2$	5	623.0	723
2	CdTe–Sb	1.2	623.0	2618
3	$NaBO_2$–NaCl–Na_2WO_4	8.5–23.5–68	623.0	2955
4	SbI_3–Sb_2O_3	NA	623.0 ±5	2863
5	KCl–K_2CO_3	70 APP	623.0	3183
6	LiF–NaF–SrF_2	55–36–9	624.0	474
7	NaCl–NaF–$Na_4P_2O_7$	51.1–33.6–15.3	624.0	2199
8	$BaCl_2$–$CaCl_2$	54	624.0	10 61 324 360
9	$CaCl_2$–$CeCl_3$	75	624.0	114 271 437 734 742
0	$BaCl_2$–$BaTiO_3$–NaCl	34.6–1–64.4	624.0	302
1	$Li_4P_2O_7$–Na_2MoO_4	4.7	624.0	2060
2	$Li_4P_2O_7$–Na_2MoO_4–$Na_4P_2O_7$	5.5–88.9–5.5	624.0	1123
3	$BaMoO_4$–MoO_3	25	624.0	2688
4	$BaCl_2$–$BaSO_4$–RbCl	40.3–1.0–58.7	624.0	2982
5	$CaCl_2$–$LaCl_3$–LaOCl	61.8–36.1–2.1	624.0	2752
6	$BaCl_2$–$BaSO_4$–RbCl	18–2–80	624.0	2791
7	$SrSO_4$–Tl_2SO_4	3	624.0	2850
8	NaCl–Na_2SO_4	54	624.0	3208
9	CsF–KF	57	625.0	1230
0	KF–LaF_3	78	625.0	1243
1	KF–NdF_3	77	625.0	3261
2	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

itor ber	System	Mol %	T, °C	References
1	LiF–NaF	61	632.0	197
2	KF–$K_2B_4O_7$–NaF	43.2–27.0–29.8	632.0	353
3	BaF_2–KCl–NaF	3.9–67.7–28.3	632.0	16
4	KCl–$TiCl_2$	73	632.0	316
5	KCl–K_2CO_3	61.6	632.0	1034
6	KCl–NaCl–$Na_4P_2O_7$	52.3–40.9–6.8	632.0	2290
7	NaCl–Na_2CrO_4–$Na_4P_2O_7$	59.8–15.4–24.8	632.0	2258
8	Li_2SO_4–$PbSO_4$	78	632.0	136
9	$ThCl_4$–UCl_3	70	632.0	2664
0	K_2TaF_7–NaCl–NaF	17.5–20–62.5	632.0	2938
1	RbBr–Rb_2SO_4	71	632.0	2792
2	RbBr–Rb_2SO_4	83	632.0	2905
3	$BaCl_2$–K_2TiF_6	66.2	633.0	772
4	$K_2B_4O_7$–NaF–$Na_2B_4O_7$	32–30–38	633.0	353
5	K_2O–WO_3	47	633.0	3056
6	$BaCl_2$–RbCl	82	633.0	3126
7	CsF–MnF_2–NaF	44–31–25	634.0	1798
8	BaF_2–LiF–NaCl	16.3–36–47.7	634.0	1117
9	$CaSO_4$–NaCl–Na_2SO_4	18.8–46.1–35	634.0	1439 1683
0	KCl–K_2CrO_4–$K_4P_2O_7$	65.9–30–4.1	634.0	2258
1	NaCl–Na_2CO_3	76.9	634.0	279 455
2	V_2O_5–ZnO	64	634.0	1006
3	$LiBO_2$–$NaBO_2$	58	634.0	2702
4	K_2SO_4–$MgSO_4$–Na_2SO_4	31–29–40	634.0	2798
5	CaF_2–KCl–NaF	.5–74.4–25.1	635.0	1108
6	CsF–Cs_2MoO_4	85.	635.0	336
7	K_2BeF_4–K_3PO_4	45	635.0	1236
8	NaF–Na_2WO_4	20	635.0	336
9	CsCl–RbCl	88.5	635.0	1918
0	Li_2CO_3–RbCl	56.2	635.0	2052
1	NaCl–V_2O_5	50 APP	635.0	1976
2	KBr–$TiBr_3$	80	635.0	772
3	Bi_2O_3–MoO_3–PbO	8.5–14.5–77	635.0	1109
4	Cu_2S–Na_2S	74.3	635.0	1850
5	$CdSO_4$–K_2SO_4	43.5	635.0	1141
6	Li_2SO_4–$PbSO_4$	80	635.0	824
7	K_2MoO_4–Na_2MoO_4–$Na_4P_2O_7$	18.5–79.5–2	635.0	1122
8	$CaCl_2$–UF_4	83.5	635.0	2931
9	KCl–K_2TaF_7–NaF	5–15–80	635.0	2938
0	K_2WO_4–$ZnWO_4$	42	635.0	3052
1	$SrCl_2$–UCl_3	31	635.0	3087
2	$MgCl_2$–$PuCl_3$–UCl_3	NA	635.0	2842
3	K_3AlF_6–Li_3AlF_6–Na_3AlF_6	18–77–5	636.0	2480
4	KCl–K_2SiF_6	68	636.0	2278
5	LiF–Li_2WO_4	51	636.0	549
6	KCl–K_2CO_3	65	636.0	62 685
7	RbBr–$TiBr_4$	97 LT	636.0	837
8	Bi_2O_3–MoO_3	27.5	636.0	1109 1120
9	KF–K_2NbF_7–NaF	9–63–28	636.0	2936
0	Pb_2CrO_5–Pb_2SiO_4	19	636.0	2914
1	NaCl–Na_2WO_4	19	637.0	311 1044
2	Li_2O–Na_2O–SiO_2	9.8–19–71.2	637.0 ±3	2317
3	$BaCl_2$–RbCl	53	637.0	3126
4	NaF–YF_3	72	638.0	1400 1401
5	KF–KPO_3	19	638.0	1275 1362
6	$BaCl_2$–$BaSO_4$–NaCl	38.6–4.3–57	638.0	1683
7	KBr–NaBr	50	638.0	210 245 2789
8	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

ɔcator ımber	System	Mol %	*T*, °C	References
136	$CaCl_2$–Na_2SO_4	91.5	645.0	1439
137	KCl–$K_4P_2O_7$–$Li_4P_2O_7$	87.2–2.8–10	645.0	1111
138	V_2O_5–ZnO	46	645.0	1006
139	LiH–SrH_2	88.8	645.0	998
140	KF–NaF–TiF_4	64.7–21.3–13.0	645.0	3028
141	NaCl–ThF_4	20	645.0 ±2	2848
142	CsF–SmF_3	93 APP	645.0	3146
143	$MnSO_4$–Na_2SO_4	55	645.0	3153
144	LiF–MgF_2–SrF_2	53–29–18	646.0	242
145	CsF–ZrF_4	90	646.0	991
146	$BaCl_2$–KCl	43.4	646.0	1105
147	$PbCrO_4$–Rb_2CrO_4	68	646.0	1160
148	Cs_2MoO_4–$PbMoO_4$	59	646.0	1160
149	$ErCl_3$–KCl	87	647.0	1855
150	$CaCl_2$–TlCl	68	647.0	512
151	K_2NbF_7–NaF	66.5	647.0	2936
152	RbCl–ThF_4	60	647.0 ±2	2839
153	KF–NaF–YF_3	58–32–10	648.0	1311
154	$BaCl_2$–BaF_2–CaF_2–NaF	20.4–20.4–10.5–48.6	648.0	919
155	BaFCl–LiF–NaCl	14.9–37.9–47.1	648.0	1156
156	KCl–NaF	73	648.0	908
157	CsF–Cs_2SO_4	84	648.0	391
158	KF–K_2MoO_4–NaF	32–21–28	648.0	377
159	K_2WO_4–LiF	42	648.0	489
160	NaF–Na_2CrO_4	35	648.0	336
161	$BaCl_2$–NaCl	34.7	648.0	345
162	$BaCl_2$–NaCl	39.8	648.0	830
163	$BaCl_2$–NaCl	40	648.0	42
164	$BaCl_2$–KCl	42.9	648.0 ±0.2	1474
165	$NbCl_2$–RbCl	18	648.0	1852
166	$BaCl_2$–$PuCl_3$	36	648.0	57
167	$MnCl_2$–$NiCl_2$	99.5	648.0 APP	2114
168	Nb_2O_5–V_2O_5	1 APP	648.0	1022
169	$Ca(PO_3)_2$–Na_2O	67.7	648.0	2343
170	Na_2CO_3–Na_2CrO_4–Na_2SO_4	46–51–3	648.0	2727
171	$BaCl_2$–NaCl	51.5	648.0	3126
172	CsF–ErF_3	90 APP	648.0	3146
173	KBr–NaF	80	649.0	1358
174	K_2TiF_6–TiO_2	83.9	649.0	1149
175	$MgCl_2$–$MnCl_2$	6.5 APP	649.0 APP	1339
176	CdF_2–LiF	44.4	650.0	2468
177	CsF–LiF–YF_3	31–47.5–21.5	650.0	1291
178	CsF–MnF_2–NaF	16–67–17	650.0	1798
179	NaF–ScF_3	62	650.0	1906
180	CeF_3–CsF	7.5	650.0	1312
181	CaF_2–LiF–NaCl	3.1–40.7–56.2	650.0	1361
182	CaO–NaF	48.	650.0	1475
183	KF–KPO_3–NaF	51–15–34	650.0	1362
184	NaF–Na_2WO_4	11	650.0	329
185	NaF–Na_2WO_4	23	650.0	443
186	$BaCl_2$–NaCl	39.6	650.0	772
187	$BaCl_2$–KCl	47	650.0	846
188	$EuCl_3$–KCl	88	650.0	1482
189	RbCl–$SrCl_2$	32	650.0	512
190	$LaCl_3$–YCl_3	25	650.0	1241
191	$MgCl_2$–$PuCl_3$	62	650.0	57
192	KCl–K_2CrO_4	68.4	650.0	386 704
193	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

ıcator ımber	System	Mol %	*T*, °C		References
51	$BaCl_2$–KCl	25	658.0	846	
52	$BaCl_2$–KCl	25.9	658.0 ±0.2	1474	
53	KCl–$NbCl_2$	73	658.0	1852	
54	RbCl–$TiCl_3$	62	658.0	2464	
55	$CoCl_2$–$CoSO_4$	70	658.0	375	511
56	CsBr–$TiBr_3$	73	658.0	837	
57	Al_2O_3–V_2O_5	1.46	658.0	1195	
58	MgO–V_2O_5	25 APP	658.0	1283	
59	Cr_2O_3–Na_2CO_3	45	658.0	1461	
60	K_2NbF_7–NaF	65	658.0	2722	
61	$CoCl_2$–$CoSO_4$	30	658.0	3145	
62	LiF–NaF	60.4	659.0 ±2	1376	
63	CdF_2–NaF	47	660.0	62	
64	CsF–SrF_2	95	660.0	2203	
65	$BaCl_2$–BaF_2–KCl–LiF	3.75–3.75–75.5–17	660.0	1463	
66	KCl–K_2ZrF_6	21.4	660.0	1183	
67	Na_3AlF_6–NaCl–NaF	3.19–65.96–30.85	660.0	1297	
68	Na_3AlF_6–NaCl–NaF	3.2–66–30.8	660.0	1168	
69	KF–Li_2TiO_3	84	660.0	300	
70	KCl–$TbCl_3$	86	660.0	1482	
71	$CeCl_3$–$MgCl_2$	31.2	660.0	114	
72	KCl–$K_4P_2O_7$–$Na_4P_2O_7$	79.4–3.2–17.4	660.0	2290	
73	KCl–$Na_2B_4O_7$	27.5	660.0	512	
74	NaCl–V_2O_5	10	660.0	1976	
75	Li_2CO_3–RbBr	85.2	660.0	2052	
76	BaI_2–Ba_3N_2	80	660.0	1061	
77	$Cs_2O(Cs_2CO_3)$–V_2O_5	72	660.0	854	
78	MoO_3–ZnO	81.3	660.0 ±10	1700	
79	KPO_3–K_2SO_4	NA	660.0	2011	
80	KPO_3–K_2SO_4	87	660.0	2504	
81	Ag_2Se–PbSe	75	660.0	3263	
82	MoO_3–PbO	79.5	660.0	2655	
83	$CrCl_2$–$MnCl_2$	80	660.0	2695	
84	$In_2(WO_4)_3$–Na_2WO_4	88	660.0	2984	
85	$CaCl_2$–$CaCrO_4$	76.6	660.0	3098	
86	Al_2O_3–V_2O_5	1	660.0	2768	
87	Al_2O_3–V_2O_5	1	660.0	2749	
88	ThF_4–UCl_3	24	660.0 ±2	2802	
89	$CaCl_2$–$CaCrO_4$	76.6	660.0	2915	
90	PrF_3–RbF	35 APP	660.0	3146	
91	K_2TiF_6–NaF	85	660.0	3191	
92	KCl–$Na_2B_4O_7$	27.5	660.0	3204	
93	CdF_2–CsF	10	661.0	2552	
94	SiO_2–V_2O_5	3.3±0.3	661.0 ±3	1871	
95	KF–ThF_4	86 APP	662.0	148	615
96	$CaCl_2$–K_2TiF_6	86.1	662.0	761	
97	CaF_2–NaCl–NaF	1.2–64.3–30.3	662.0	206	
98	RbCl–$TiCl_3$	90	662.0	2464	
99	NaCl–Na_2WO_4	64.4	662.0	311	1044
00	$CaCO_3$–Li_2CO_3	37 APP	662.0	3136	
01	HoF_3–NaF	27	663.0	1401	
02	AlF_3–CsF	6	663.0	1171	
03	KCl–Nb_3Cl_8	92	663.0	1913	
04	KF–K_2NbF_7–NaF	53–20–27	663.0	2722	
05	KBr–K_2SO_4	NA	663.0	3218	
06	KF–NaF–SrF_2	46.8–36.2–17.0	664.0	474	
07	BaF_2–LiF–NaCl	15.6–19.6–64.7	664.0	1117	
08	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

cator mber	System	Mol %	T, °C		References			
67	Na_2SO_4–Na_2WO_4	30 SER SOLID SOL	670.0	3162				
68	LiF–SrF_2	80	671.0	1090				
69	KCl–YCl_3	83	671.0	1154				
70	RbCl–$TiCl_3$	64	671.0	21	75			
71	$SrCl_2$–$SrCO_3$	74	671.0	2043				
72	BaH_2–LiH	5	671.0	998				
73	CaF_2–LiF–MgF_2	13.1–59.0–27.9	672.0	203	294			
74	KF–K_2MoO_4–NaF	23–45–32	672.0	377				
75	CsCl–$TiCl_3$	35	672.0	21	0	75	0	
76	$FeCl_2$–$NiCl_2$	99.3	672.0 APP	1937				
77	Y_2O_3–V_2O_5	2 APP	672.0 ±3	2237				
78	K_2TaF_7–NaCl	77.5	672.0	2987				
79	Li_2O–V_2O_4–V_2O_5	NA	672.0	3014				
80	$Ba(PO_3)_2$–$NaPO_3$	25 APP	672.0	3084				
81	$BaCl_2$–NaF	38	672.0	2772				
82	KCl–YCl_3	85	672.0	2835				
83	$CaKCl_3$–$CaCrO_4$	81.1	672.0	2915				
84	CsF–YF_3	96	673.0	1171				
85	KCl–$TiCl_3$	83	673.0	75	434	775	818	
86	Na_2SO_4–$(NH_4)_2SO_4$	15	673.0	2455				
87	KBr–RbBr	9	673.0	2810				
88	KF–NaF–ScF_3	60–35–5	674.0	1169				
89	NaF–ScF_3	58	674.0	1194				
90	AlF_3–NaCl–NaF	7.5–46.9–45.5	674.0	66				
91	$CsBO_2$–$LiBO_2$	35	674.0	2291				
92	Na_2CrO_4–Na_2WO_4	15	674.0	3032				
93	MnF_2–NaF–RbF	35–61–4	675.0	2432				
94	NaCl–NaF	67	675.0	61	62	206	386	729
95	KCl–YCl_3	87	675.0	853				
96	$CaSO_4$–KCl–K_2SO_4	18–79–3	675.0	370				
97	K_2MoO_4–$K_4P_2O_7$–$Li_4P_2O_7$	3.9–58.8–37.2	675.0	1155				
98	Ag_2Se–Bi_2Se_3	10	675.0	2083				
99	NaCl–NaF	66	675.0	2772				
00	Al_2O_3–TeO_2	15	675.0	2817				
01	$MgSO_4$–Rb_2SO_4	47.5	675.0	3159				
02	CaF_2–LiF–MgF_2	12–64–24	676.0	203	294			
03	CaF_2–KF–NaF	10–62–38	676.0	481	482	678		
04	KCl–$TiCl_3$	85.2	676.0	434				
05	KCl–VCl_3	87	676.0	906				
06	CsCl–VCl_3	65	676.0	1450				
07	VO_2–V_2O_5	0 APP	676.0	2231				
08	$MgWO_4$–$Na_2W_2O_7$	40	676.0	851				
09	KPO_3–MoO_3	85	676.0	2622				
10	HgS–PbS	68	676.0	3103				
11	$MoCl_2$–NaCl	30	676.0	3071				
12	$BaCl_2$–$CeCl_3$	31–35	677.5 ±5.5	114	743			
13	RbF–SrF_2	91	678.0	2203				
14	KCl–K_2ZrF_6	75.8	678.0	1183				
15	KCl–K_2ZrF_6	77	678.0	962	1680			
16	LiF–NaCl	42	678.0	1358				
17	KF–K_2CO_3	60	678.0	278	685	729		
18	$CaCl_2$–RbCl	82.5	678.0	184	2500			
19	KF–K_2TaF_7–NaF	52.3–21.1–26.6	678.0	2987				
20	$BaMoO_4$–Na_2MoO_4	9.7	678.0	3038				
21	Cs_2SO_4–Li_2SO_4–$SrSO_4$	57–30–13	678.0	2853				
22	$BaWO_4$–Na_2WO_4	5	678.0	2881				
23	PbF_2–$Pb_3(PO_4)_2$	92.5	678.0	3214				
24	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

ator nber	System	Mol %	T. °C	References		
33	AlF_3–NaF	46.6	685.0	66	493	
34	KF–MgF_2–NaF	59.0–6.5–34.5	685.0	530		
35	AlF_3–CsF	5.5	685.0	688		
36	$DyCl_3$–KCl	15	685.0	1046		
37	KF–K_2CO_3	48	686.0	278	685	729
38	$GdCl_3$–KCl	8	686.0	1046		
39	Na_2WO_4–$Nd_2(WO_4)_3$	100 APP	686.0	1712		
40	$BaSO_4$–Cs_2SO_4–Li_2SO_4	NA	686.0	2899		
41	$BaCO_3$–Na_2CO_3	37	686.0	3126		
42	$BaCO_3$–Na_2CO_3	40 APP	686.0	3126		
43	$LiBO_2$–Li_2WO_4	15 APP	686.0	3179		
44	KCl–VCl_2	78.5	687.0	222		
45	$CaSO_4$–KCl	18	687.0	370	706	
46	BaF_2–KF–SrF_2	16–69–15	688.0	82		
47	KF–K_2CO_3	47	688.0	729		
48	KF–Na_2MoO_4	84	688.0	377		
49	KF–K_2CO_3	46	688.0	685		
50	$BaCl_2$–$CaSO_4$–NaCl	17.5–26–56.5	688.0	1683		
51	KCl–K_2SO_4	74.6	688.0	1034		
52	Bi_2O_3–PbO–V_2O_5	3.5–64–32.5	688.0	890		
53	Li_2MoO_4–$Li_4P_2O_7$	99.2	688.0	1123	1155	
54	K_3NaF_8–NaF	72.5	688.0	2936		
55	K_2CO_3–KF	54	688.0	3184		
56	$LiBO_2$–LiF	66	688.0	3200		
57	K_3AlF_6–Li_3AlF_6	40.5	690.0	1934		
58	LiF–YbF_3	70	690.0	1312		
59	AlF_3–NaF	46	690.0	2192		
60	AlF_3–NaF	47	690.0	922		
61	$CsMnF_3$–$NaMnF_3$	47	690.0	1798		
62	NaF–ThF_4	63	690.0	148	464	
63	CaF_2–CsF	2.56	690.0	2121	2378	
64	BaF_2–KCl–LiF	3.09–75.26–21.65	690.0	1463		
65	NaF–Na_2CO_3	38.66	690.0	685		
66	NaF–Na_2CO_3	40	690.0	278	729	
67	RbF–Rb_2MoO_4	77	690.0	336		
68	CsCl–$TiCl_3$	66	690.0	21	75	
69	KCl–K_2SO_4	70.9	690.0	1076		
70	KCl–K_2SO_4	76.7	690.0	236	406	694
71	Fe_2O_3–PbO	(5–10) RANGE	690.0	1422		
72	$K_4P_2O_7$–K_2TiO_3–TiO_2	63.7–11.3–25	690.0	1036		
73	Li_2WO_4–WO_3	80	690.0 APP	1205		
74	$Na_2B_4O_7$–Nd_2O_3	99.7 APP	690.0 APP	1917		
75	Li_2WO_4–$PbSO_4$	88	690.0	136		
76	$K_4P_2O_7$–Li_2MoO_4	1 APP	690.0	2060		
77	K_2CrO_4–$NaBO_2$–$Na_2B_4O_7$	8.9–11.3–79.8	690.0	2528		
78	$CuWO_4$–$Na_2W_2O_7$	40	690.0	851		
79	KCl–K_2TiF_6–NaCl	2.4–58.7–38.9	690.0	2630		
80	B_2O_3–K_2O–P_2O_5	56.0–36.0–8.0	690.0	2704		
81	Fe_2O_3–TeO_2	37 APP	690.0 ±5	2998		
82	Rb_2O–WO_3	MIN.MELT.POINT	690.0	3056		
83	KCl–ThF_4	65	690.0 ±2	2848		
84	Pb_2SiO_4–Pb_2WO_5	70.5	690.0	2914		
85	AlF_3–LiF	37	691.0	214	644	688
86	KF–ThF_4	69	691.0	148	615	
87	MnF_2–NaF	34	692.0	1451		
88	CaF_2–KCl–LiF	1.26–79.5–19.24	692.0	852		
89	KCl–$ScCl_3$	84	692.0	1232		
90	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

or System er	Mol %	*T*, °C	References
K_2SO_4–Li_2SO_4	60	700.0	1372
Na_2SO_4–Rb_2SO_4	75	700.0	1115
$Li_4P_2O_7$–Na_2MoO_4–$Na_4P_2O_7$	36.6–4.9–58.5	700.0	1123
$CuWO_4$–$Na_2W_2O_7$	15	700.0	851
$Gd_2(WO_4)_3$–Na_2WO_4	2–3	700.0 APP	2441
$La_2(WO_4)_3$–Na_2WO_4	0 APP	700.0 APP	2441
Na_2WO_4–$Nd_2(WO_4)_3$	100 APP	700.0 APP	2441
RbCl–$SrMoO_4$	3.5	700.0	3228
As_2S_3–La_2S_3	30 APP	700.0	2647
$SrCl_2$–ThF_4	24	700.0 ±2	2925
KCl–K_2TaF_7	82.4	700.0	2987
ErF_3–LiF	19.5	700.0	3104
$BaCl_2$–UCl_3	25	700.0	3087
B_2O_3–MoO_3–PbO	NA	700.0	2824
KF–SnF_4	67.9	700.0	2896
RbF–SmF_3	85 APP	700.0	3146
K_2WO_4–Na_2CrO_4	25	701.0	2674
CsF–KF–MnF_2	27–3–70	702.0	1798
BaF_2–NaCl	22.7	702.0	359
KBO_2–LiCl	73	702.0	2291
Na_2SO_4–Rb_2SO_4	75	702.0	2905
Na_2SO_4–Rb_2SO_4	75	702.0	2909
CaF_2–Li_3AlF_6	43.5	703.0	2538
KCl–ThF_4	77	704.0	147
$InCl_3$–NaCl	39	704.0	397 1193
Li_2SO_4–Rb_2SO_4	36	704.0	891
KBO_2–NaCl	21.5	704.0	2702
NaF–ThF_4	59.	705.0	148 464
BeF_2–KF	19	705.0 ±5	23
$CaCl_2$–CsCl	89	705.0	185 2500
Ga_2O_3–PbO	40	705.0 ±10	2391
GeO_2–PbO	30	705.0	2490
$FeMoO_4$–MoO_3	16.3	705.0	1792
K_2MoO_4–$K_4P_2O_7$–$Li_4P_2O_7$	54–29.2–16.7	705.0	1155
$Li_2Hf(WO_4)_3$–Li_2WO_4	12.5	705.0	2626
$CaCl_2$–CsCl	66.7	705.0	2759
AlF_3 LiF	14.5	706.0	214 644 688
AlF_3–LiF	17	706.0	1171
CsF–MnF_2	86	706.0	1451
$BaCl_2$–BaF_2–CaF_2–NaCl	15.1–15.1–.5–69.3	706.0	483
Cs_2SO_4–Li_2SO_4	66	706.0	891
K_2MoO_4–$K_4P_2O_7$–$Na_4P_2O_7$	81.5–1.9–16.5	706.0	1122
$K_4P_2O_7$–Li_2MoO_4	61.3 APP	706.0	2060
Li_3AlF_6–LiF	7.7	706.0	3041
GeO_2–PbO	27.3	707.0 ±5	1132
MoO_3–$ZnMoO_4$	68.4	707.0	1792
AlF_3–LiF	35	708.0	2516
CaF_2–CsF–LiF	17.6–15.3–67.1	708.0	2121
LiF–MgF_2–NaF	62–19–19	708.0	528
KCl–LiF	80	708.0	852
$CrCl_3$–KCl	11.2	708.0	1268
$CaCl_2$–$CaSO_4$	87.5	708.0	370 816
Cs_2SO_4–Li_2SO_4	69	708.0	2026
K_2CrO_4–Na_2CrO_4–$Na_4P_2O_7$	19–75.5–5.5	708.0	2150
$K_4P_2O_7$–$Li_4P_2O_7$–Li_2TiO_3	62.6–11.3–26.1	708.0	1038
Li_2WO_4–$PbWO_4$	83.5	708.0	136
GaAs–GaSb	3.0	708.0	2684
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 17 299 307 353 377 393 47 481 482 530 678
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

System	Mol %	T, °C	References	
Na_3AlF_6–Li_3AlF_6	36	713.0	3061	
AlF_3–NaCl	24.5	714.0	66	493
$NaBO_2$–NaBr	18.5	714.0	2702	
KPO_3–K_2SO_4	89 APP	714.0	2731	
AlF_3–LiF	15	715.0	644	
AlF_3–LiF	35	715.0	922	
AlF_3–LiF–NaF	25–48.8–26.2	715.0	922	
KF–NaF	60	715.0	1243	
K_2BeF_4–K_3YF_6	77 APP	715.0 ±5	2371	
KCl–LiF	80	715.0	46	1059
KBO_2–KCl	15.6	715.0	192	
$Na_2B_4O_7$–Na_2CrO_4	75	715.0	2385	
AlF_3–LiF	34.6	715.0	2628	
CaF_2–Li_3AlF_6	40	715.0	3011	
ThF_4–UCl_3	65	715.0 ±2	2802	
PbO–V_2O_5–WO_3	78–7–15	715.0	2858	
Li_3AlF_6–Na_3AlF_6	67.9	716.0	1402	
KF–NaF	60	716.0	893	
MnF_2–NaF–RbF	64–32–4	716.0	2432	
BaF_2–LiF–NaCl	42.8–25.7–31.4	716.0	1117	
KCl–KBr	40	716.0	888	
K_2CO_3–$K_2W_4O_{13}$	90	716.0	1281	
KF–K_2TaF_7	21.5	717.0	3255	
K_3AlF_6–KCl	8.7	717.0	844	
PbO–RbCl	.35	717.0	7	
EuF_3–NaF	25	718.0	1401	
KF–K_2TaF_7	78	718.0	1203	
CsF–MgF_2	56	718.0	2203	
KF–K_2TaF_7–Ta_2O_5	77.5–20.5–.2	718.0	879	
KF–TaF_5	84.7	718.0	1203	
CsCl–$SrCl_2$	22.2	718.0	2008	
KF–$K_4P_2O_7$	89	718.0	2743	
$CaSO_4$–NaCl	17.6	719.0	1439	
AlF_3–LiF	15	720.0	922	
Cs_3AlF_6–Na_3AlF_6	42	720.0	1292	
K_2BeF_4–K_3ZrF_7	71.85	720.0	1185	
CsCl–$SrCl_2$	19	720.0	1216	
NaCl–$CaSO_4$	81.6	720.0	1069	
KCl–K_3PO_4	85	720.0	687	
$SrCl_2$–Sr_3N_2	87	720.0	1172	
PbO–V_2O_5	67 APP	720.0 APP	1188	
Li_2SO_4–Rb_2SO_4	39	720.0	1703	
$Li_4P_2O_7$–$Na_4P_2O_7$	62	720.0	1123	
$K_4P_2O_7$–Na_2MoO_4	36	720.0	1122	
$BaSiO_3$–$PbSiO_3$	3 APP	720.0 APP	1711	
$FeWO_4$–$Na_2W_2O_7$	10	720.0	851	
$CrCl_2$–$MgCl_2$	50	720.0	2695	
LiCl–ThF_4	26	720.0 ±2	2848	
Na_2SO_4–$PbSO_4$–$PbWO_4$	46–48.5–5.5	720.0	3162	
BaF_2–LiF–SrF_2	17–69–14	721.0	242	
$CoCl_2$–$NiCl_2$	1.4	721.0 APP	1980	
NaF–$Na_4P_2O_7$	94	721.0	2743	
KF–K_2MoO_4	70	722.0	338	443
KF–K_2MoO_4	71	722.0	377	
PbO–WO_3	86.5	722.0	2151	
KF–NaF	60	722.0	2722	
$BaCl_2$–BaF_2–NaCl	14–14–72	723.0	483	
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

System	Mol %	T, °C	References
Na_3AlF_6–NaCl	11	733.0	844
GeO_2–PbO	20	733.0	2490
Cs_3AlF_6–Na_3AlF_6	41	734.0	1717
NaCl–Na_3AlF_6	88.6	734.0	736
Na_3AlF_6–NaCl	11	734.0	1165
NaF–Rb_2SO_4	58	734.0	317
NaF–$Na_4P_2O_7$	51	734.0	427
NaF–$Na_4P_2O_7$	65.8	734.0	895
KBr–KCl	60	734.0	238 651
$BaCl_2$–$BaCO_3$	53	734.0	345
$BaCO_3$–NaCl	47	734.0	3126
LiF–MgF_2	64	735.0	150 203 242 528
$BaBr_2$–$CaCl_2$	(50–70) RANGE	735.0	1918
KCl–$K_4P_2O_7$	85	735.0	687
Na_2O–SiO_2–ZnO	30–58.8–11.2	735.0 ±10	1838
Li_2SO_4–$Sc_2(SO_4)_3$	95	735.0	2610
BaF_2–MnF_2	55 APP	735.0	2665
CeF_3–LiF	15.6 APP	735.0	2693
NaOH–Na_2S	37	735.0	2967
$In_2(WO_4)_3$–Li_2WO_4	4	735.0	2984
K_2BeF_4–K_3HoF_6	77.5	735.0	3026
$Ca_2P_2O_7$–$Na_4P_2O_7$–Na_2SO_4	3–29–68	736.0	1114
K_2MoO_4–$Na_4P_2O_7$	77.7	736.0	1122
Li_3VO_4–$Pb_3(VO_4)_2$	NA	736.0	3158
NaCl–Na_3AlF_6	89	737.0	497
GeO_2–PbO	60	737.0	2490
$NaBO_2$–$Na_2B_4O_7$	14	737.0	2294 2385
Na_3AlF_6–NaCl	11	737.0	2781
BaF_2–CaF_2–NaF	25–26–49	738.0	18
MnF_2–NaF	66	738.0	1451
NaCl–$SrSO_4$	86.4	738.0	1069
$CaCl_2$–$CaMoO_4$	88.5	738.0	2570
$K_2B_4O_7$–KCl	49.8	738.0	462
KCl–$K_4P_2O_7$	89	738.0	2645
$K_2B_4O_7$–KCl	50 APP	738.0	3180
$LiBO_2$–Li_2SO_4	47 APP	738.0	3201
BaF_2–KCl	7.5	739.0	359 876
K_2O–SiO_2	23.5 APP	739.0 APP	1330
CaF_2–LiF–SrF_2	13–73–14	740.0	752
AlF_3–RbF	7	740.0	1171
CsF–Cs_2MoO_4	47.	740.0	336
CaO–P_2O_5	37 APP	740.0 APP	2100
GeO_2–PbO	41.6 APP	740.0 APP	1245
GeO_2–PbO	41.5	740.0 ±5	1132
GaS–Ga_2S_3	47.5	740.0	1391
Na_2S–Na_2SO_4	34.8	740.0	1420
Na_2SO_4–Rb_2SO_4	80	740.0	1043 5637
KBO_2–KPO_3–K_2SO_4	68–20–12	740.0	2504
K_2CrO_4–$K_4P_2O_7$	66.6	740.0	2150
$CaCrO_4$–Na_2CrO_4	48.4	740.0	396 1093
KCl–$SrMoO_4$	3.2	740.0	3228
$LiBO_2$–NaCl	55	740.0	2702
MoO_3–UO_3	92	740.0	2973
KF–TiF_4	NA	740.0	3028
Rb_2MoO_4–$Sm_2(MoO_4)_3$	80	740.0	2846
KF–ThF_4	34	741.0	148 615
NaCl–$BaSO_4$	88.9	741.0	1069
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

System	Mol %	T, °C	References					
$NaBO_2$–Na_2CrO_4	26.1	752.0	2385					
$SrCl_2$–SrF_2	87	753.0	411	519				
CeF_3–CsF	33	754.0	1312					
CaF_2–KCl	.9	754.0	876					
CaF_2–KCl	1.26	754.0	852					
Li_2SO_4–$PbWO_4$	94.5	754.0	136					
NaF–ZrF_4	81	755.0	4	24	153	155	429	467
ErF_3–KF	14 ±2.	755.0 ±10.	2215					
RbF–ScF_3	5	755.0	1797					
RbF–VF_3	96.5	755.0	2382					
PbO–V_2O_5	94 APP	755.0 APP	1188					
K_3HfF_7–NaF–Na_3HfF_7	14.3–42.8–42.8	756.0	1684					
KF–YF_3	88	756.0	1171					
RbF–Rb_2MoO_4	41	756.0	336					
LaF_3–LiF	16.5	756.0 ±1	2693					
ErF_3–KF	15 APP	756.0	3146					
$CaCl_2$–CaO	94	757.0	703					
RbCl–UCl_3	84.5	757.0	2831					
KF–K_2CrO_4	47	758.0	336	704				
KF–K_2TiO_3	58	758.0	393					
$CaWO_4$–KCl	2.3	758.0	1219					
RbBr–$TiBr_2$	35	758.0	837					
KF–SmF_3	83 APP	758.0	3146					
CaF_2–KF–NaF	29–16–55	759.0	481	482				
$KMnF_3$–$NaMnF_3$	95	759.0	2376					
BaF_2–LiF	19	760.0	8	17	242	362	475	
CaF_2–LiF	22 APP	760.0 ±5	17	203	294	361	421	422
K_3AlF_6–Li_3AlF_6	71	760.0	1934					
KF–YF_3	87	760.0	1311					
CaF_2–RbF	10	760.0	1918					
BaF_2–BeF_2	22 APP	760.0 APP	699					
BaF_2–Li_2SiO_3	51.5	760.0	362					
KF–K_2WO_4	44	760.0	329	443	549			
Bi_2O_3–$CoFe_2O_4$	86.5	760.0	1452					
PbO–PbSe	80	760.0 ±10	898					
K_2MoO_4–K_2TiO_3–$PbTiO_3$	4–69–27	760.0	1144					
$PbWO_4$–Rb_2WO_4	36	760.0	1160					
GaSe–Ga_2Te_3	62	760.0	1299					
Cs_2MoO_4–$CsNd(MoO_4)_2$	82	760.0	2701					
KCl–UF_4	14	760.0	3000					
Cs_3AlF_6–Rb_3PrF_6	20	760.0	2753					
$BaSO_4$–Li_2SO_4	NA	760.0	3130					
LiF–SrF_2	80	761.0	242	411				
HfF_4–NaF	20.5	762.0	2022					
HfF_4–NaF	21	762.0	1828					
NaF–Na_3HfF_7	45.8	762.0	1684					
$SrCl_2$–$SrSO_4$	86	762.0	758					
K_2O–SiO_2	20 APP	762.0 APP	1330					
MoO_3–PbO	11.7	762.0	1109					
RbF–ThF_4	63	762.0	3165					
RbCl–$TiCl_2$	65	763.0	31					
CsF–Cs_2SiF_6	25 APP	763.0	2769					
CsF–Cs_2SiF_6	27	763.0	2746					
KF–YF_3	58.5	764.0	1171					
KF–K_2CrO_4	47	764.0	336	704				
BaF_2–LiF	16.5	765.0	2203					
BaF_2–LiF	18.3	765.0	1117					
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	$KF-K_3HfF_7$	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 81
5059	$RbF-Rb_2Ti_2O_5$	93	780.0	722
5060	$CrCl_3-KCl$	46	780.0	990

TABLE 1. Eutectic data—Continued

tor ber	System	Mol %	T, °C		References				
	$LiCl-NiSO_4$	56.1	780.0	369					
	K_2O-SiO_2	42.5 APP	780.0 APP	1330					
	MoO_3-UO_2	98.5 APP	780.0	2163					
	$B_2O_3-K_2O$	40	780.0	2704					
	$NaF-PrF_3$	SER SOLID SOL	780.0 APP	3146					
	$NaF-PrF_3$	SER SOLID SOL	780.0	3146					
	$K_2SO_4-K_2WO_4-PbWO_4$	9–48.5–32.5	780.0	3154					
	MgF_2-RbF	35	781.0	670					
	CaF_2-KF	15.4	782.0	18	262	481	482	678	815
	$CrCl_3-KCl$	46.7	782.0	1268					
	$CaMoO_4-NaCl$	97.5	782.0	3228					
	$NaCl-SrMoO_4$	4.4	782.0	3228					
	$B_2O_3-K_2O$	24	782.0	2704					
	$KF-K_2SO_4$	84	783.0	368					
	$CrCl_3-KCl$	34.3	783.0	990					
	$K_2B_4O_7-K_2SO_4$	94	783.0	2731					
	$CsF-PrF_3$	60 APP	783.0	3146					
	$KCl-K_2TiO_3-TiO_2$	9.5–88.5–1.9	784.0	1375					
	$PbWO_4-Rb_2WO_4$	51.5	784.0	1160					
	$Ba(PO_3)_2-Cd(PO_3)_2$	72.5	784.0	2650					
	$Cs_3AlF_6-K_3AlF_6$	79	785.0	1292					
	$CrCl_3-KCl$	34.2	785.0	1268					
	$Bi_2O_3-Fe_2O_3$	89	785.0	1414					
	GeO_2-Na_2O	66.6	785.0	821					
	$Er_2(WO_4)_3-Rb_2WO_4$	28	785.0	2867					
	$Cd(PO_3)_2-Zn(PO_3)_2$	25	786.0 ±5	959					
	$K_2TiO_3-PbTiO_3$	81	786.0	1144					
	$K_2SO_4-K_2WO_4-PbWO_4$	25–32–43	786.0	3154					
	$K_2SO_4-PbSO_4-PbWO_4$	51.5–41–7.5	786.0	3154					
	$B_2O_3-K_2O$	53.1	787.0	1407	1408				
	CrO_3-PbO	19.4	787.0	2268					
	$Ba(PO_3)_2-Cd(PO_3)_2$	23.5	787.0	2650					
	$KF-K_2SO_4$	83	788.0	549					
	GeO_2-K_2O	68.2	789.0	1960					
	GeO_2-Na_2O	68.4	789.0	820	1960				
	Na_2O-SiO_2	25.2	789.0 ±1	2317					
	$Na_2CrO_4-Na_2SO_4$	89 SER SOLID SOL	789.0	2727					
	AlF_3-RbF	6.5	790.0	688					
	$KCl-K_2TiO_3$	4	790.0	1375					
	$NaCl-Na_2TiO_3-TiO_2$	98–1–1	790.0	1459					
	$Bi_2O_3-MoO_3-PbO$	14.5–32.5–53	790.0	1109					
	GeO_2-Na_2O	64	790.0 ±10	974					
	$CdWO_4-PbO$	10	790.0	2151					
	$K_4P_2O_7-K_2TiO_3-TiO_2$	1.3–96.1–2.6	790.0	1036					
	$K_4P_2O_7-K_2TiO_3-TiO_2$	1.4–90.7–7.9	790.0	1036					
	$Na_2SO_4-Na_2U_2O_7$	74.8 APP	790.0 APP	2407					
	$Na_2SO_4-U_3O_8$	85.6 APP	790.0 APP	2407					
	$Ba(BO_2)_2-Cd(BO_2)_2$	17 APP	790.0	860					
	$RbSc(SO_4)_2-Sc_2SO_4$	30	790.0	3051					
	$BaCl_2-CaF_2$	77	791.0	830					
	$BaCl_2-CaF_2$	78	791.0	360					
	$K_2TiO_3-Na_2TiO_3$	82	792.0	1220					
	$K_2SO_4-PbSO_4$	55	792.0	3127					
	$K_2WO_4-PbWO_4$	67	792.0	3154					
	$CsF-Cs_2SO_4$	46	793.0	391					
	Na_2O-SiO_2	25.5	793.0	2316					
	$K_2SO_4-K_2WO_4$	NA	793.0	3154					
	$NaF-ScF_3$	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

r System r	Mol %	T, °C	References					
$Er_2(WO_4)_3$–K_2WO_4	13 APP	810.0	2977					
Cs_2WO_4–$Tb_2(WO_4)_3$	91 APP	810.0	2867					
$BaCl_2$–$BaCO_3$–$BaTiO_3$	79.5–11.25–9.25	811.0	178					
$BaTiO_3$–$NaVO_3$	1.26	811.0	723					
BaF_2–NaF	37	812.0	8	18	82	170	277	475
MnF_2–RbF	81	812.0	1451					
Na_2CO_3–Na_2SO_4	66.7	812.0	1035					
BaF_2–NaF	37	812.0	2772					
K_2SO_4–Na_2SO_4–$SrSO_4$	25–45–30	813.0	3035					
$Bi_2(WO_4)_3$–$PbWO_4$	73	813.0	3134					
KF–MnF_2	16	814.0	1451					
$BaTiO_3$–KF	1.8	814.0	723					
$BaCl_2$–$BaCO_3$	76	814.0	345					
$BaCO_3$–NaCl	24	814.0	3126					
K_3HfF_7–Na_3HfF_7	35	815.0	1684					
K_2TiO_3–$PbTiO_3$	61	815.0	1144					
Cu_2S–GeS_2	5	815.0	2996					
MgF_2–NaF	25	816.0	528	530				
KF–ScF_3	93	816.0	1169					
$CrCl_3$–CsCl	29	816.0	838					
Rb_2O–V_2O_5	92	816.0	1134					
K_2TiO_3–TiO_2	93.9	817.0	1036					
CaF_2–NaF	31.6	818.0	848	2378				
CaF_2–NaF	32	818.0	18	262	481	482		
CaF_2–NaF	34	818.0	206	421	678			
$LaCl_3$–LaOCl	98.7	818.0	1190					
NaF–ScF_3	82	820.0	1169	1169	1797			
AlF_3–KF	7	820.0	1171					
$MgCl_2$–Na_3AlF_6	28	820.0	2002					
$MgCl_2$–Na_3AlF_6	39.7	820.0	2002					
RbF–$Rb_2Ti_2O_5$	30	820.0	722					
$LaCl_3$–LaOCl	73	820.0	1903					
K_2TiO_3–TiO_2	88	820.0	1375					
$PbCrO_4$–PbO	47	820.0	2268					
$BaCl_2$–ThF_4	13	820.0 ±2	2925					
RbF–Rb_2SiF_6	30	820.0	2769					
RbF–Rb_2SiF_6	30	820.0	2746					
BaF_2–NaF	37	820.0	2881					
$CrCl_3$–RbCl	49.8	821.0	838					
K_2TiO_3–TiO_2	98	822.0	1036					
$Ca(OH)_2$–Ca_2SiO_4	94	822.0	1097					
K_2MoO_4–$K_4P_2O_7$	52.9	822.0	521					
K_2CO_3–K_2S	40	822.0 ±3	2796					
K_2TiO_3–TiO_2	98	823.0	1375					
K_2SO_4–$Sc_2(SO_4)_3$	50	823.0	3051					
$KSc_3(SO_4)_5$–K_2SO_4	50	823.0	3051					
K_2SO_4–Na_2SO_4	18 SER SOLID SOL	823.0	3148					
CsF–$Cs_2Ti_2O_5$	35.	825.0	722					
KF–K_2TiO_5	77	825.0	722					
$SrCl_2$–SrO	95	825.0	703					
PbO–$PbSO_4$	89	825.0	979					
BaF_2–NaF	42	825.0	2772					
Cu_3As–Cu_2S	93.5	825.0	2910					
Bi_2O_3–TiO_2	90	826.0	877					
K_2TiO_3–TiO_2	89.8	826.0	1036					
Na_2SiO_3–Na_2TiO_3–TiO_2	29.3–55.7–14.9	826.0	1037					
Na_2CO_3–Na_2SO_4	62	826.0	1032					
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

ator ıber	System	Mol %	T, °C	References				
2	$RbF-ThF_4$	46	848.0	3165				
3	$KBO_2-K_2SO_4$	73 APP	848.0	3201				
4	$BaTiO_3-Li_2SO_4$	0.4	849.0	723				
5	$Cd_3(PO_4)_2-Zn_3(PO_4)_2$	9	849.0 ±3	933				
5	CdF_2-CsF	72	850.0	2552				
7	$BaCl_2-SrCl_2$	32	850.0	1918				
3	$NaAlSi_3O_8-NaCl$	89.7 APP	850.0 APP	2520				
)	$K_2MoO_4-K_4P_2O_7$	78	850.0	1122	1155			
)	Na_2O-TiO_2	76	850.0	2944				
l	$MgCl_2-ThF_4$	35	850.0 ±2	2802				
2	UCl_4-UO_2	46 APP	851.0	1394				
3	$KF-Ta_2O_5$	99.76	853.0	879				
4	$BaTiO_3-Na_4P_2O_7$	23	853.0	723				
5	$K_4P_2O_7-K_2TiO_3-TiO_2$	3.8–73.4–22.8	854.0	1036				
5	LaF_3-YF_3	15	854.0 APP	2947				
7	Na_3AlF_6-NaF	25.7	855.0	1465				
3	CdF_2-KF	74.5	855.0	1947	2552			
)	$K_2SO_4-PbWO_4$	66	855.0	3154				
)	$NaF-SrF_2$	(68–73)	856.0	82	170	262	358	474
.	$NaF-SrF_2$	67.5	856.0	845				
2	$NaF-SrF_2$	73	856.0	848				
3	$NaF-SrF_2$	73.4	856.0	1090				
4	$PbO-SrO$	93	857.0	2268				
5	$Cd(BO_2)_2-Mg(BO_2)_2$	97.5	858.0	860				
5	$FeS-Li_2S$	37	858.0 ±3	2776				
7	$NaF-SrF_2$	67	859.0	2203				
3	$KF-ThF_4$	54	860.0	148	615			
)	$RbF-YF_3$	58	860.0	1171				
)	$BaF_2-B_2O_3$	47.5	860.0	1360				
.	$BaCl_2-BaCO_3$	82.5	860.0	178				
2	$BaCl_2-Ba_3N_2$	19	860.0	1061				
3	$FeS-PbS$	53.3	860.0	2260				
4	$KBO_2-K_2SO_4$	68	860.0	2504				
5	$InAs-Zn_3As_2$	55	860.0	2327				
5	$Na_2SO_4-PbWO_4$	85	860.0	3162				
7	$PbO-ZnO$	89	861.0 ±2	902				
3	Na_2O-TiO_2	55	862.0	2944				
)	$Na_2CrO_4-Na_4P_2O_7$	40	863.0	2150	2258			
)	$KF-K_2SO_4$	42	864.0	368				
.	$CdO-V_2O_5$	75.5	864.0	2066				
2	$KF-ThF_4$	47	865.0	148	615			
3	$KF-K_2SO_4$	43	865.0	278				
4	$BaF_2-B_2O_3$	33.	865.0	1360				
5	$CdO-P_2O_5$	53	865.0 ±3	1001				
5	Ga_2O_3-PbO	62	865.0 ±25	2391				
7	$Cs_2CrO_4-K_2CrO_4$	48	865.0	2262				
3	V_2O_5-ZnO	27	866.0	1006				
)	$BaSO_4-CaSO_4-K_2SO_4$	9.5–32–58.5	867.0	1224				
)	$BaSO_4-CaSO_4-Na_2SO_4$	11–43–46	867.0	1683	2085			
.	$CaSO_4-K_2SO_4$	42	867.0	1076	1119			
2	$CaSO_4-K_2SO_4$	42	867.0	3127				
3	Na_3AlF_6-NaF	21	868.0	2191				
4	$BaTiO_3-Na_2SO_4$	0.3	868.0	723				
5	$KF-ScF_3$	63	870.0	1169				
5	$Li_2TiO_3-NaF-Na_2TiO_3$	11–71–18	870.0	197				
7	$BaCl_2-BaWO_4$	85	870.0 APP	1162				
3	$Bi_2O_3-V_2O_5$	62.5	870.0	890				
)	$CaSO_4-K_2SO_4$	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

System	Mol %	T, °C	References
$NaF-Na_2SiO_3$	59	896.0	417
$NaF-Na_2TiO_3$	33	896.0	393
$BeO-Na_3AlF_6$	33.3	898.0	313
$NaF-Na_2TiO_3$	51.8	898.0	1089
$NaF-Na_2TiO_3$	52	898.0	197 393
$BaCl_2-BaO$	87.5	899.0	703
Cr_2O_3-FeO	16.8	900.0 APP	1087
Co_4S_3-FeS	77 APP	900.0	1040
$BaTiO_3-K_2SiO_3$	3	900.0	723
CdF_2-RbF	76	902.0	2552
CdF_2-RbF	77	902.0	2272
$K_2SO_4-K_2WO_4$	30	902.0	2501
$BaCl_2-SrCl_2-SrF_2$	30–19–51	903.0	519
$Na_3AlF_6-Nd_2O_3$	88	904.0	893
$NaF-TmF_3$	30 APP	905.0 APP	1401
$MgO-Na_3AlF_6$	30	905.0	319 543
GeO_2-Na_2O	92.5	905.0	821
$KBO_2-K_3PO_4$	86 APP	906.0	2720
$K_3AlF_6-Na_3AlF_6$	29	908.0	1292 1717
$K_4P_2O_7-K_2SO_4$	40 APP	908.0	2731
$Al_2O_3-MgF_2-Na_3AlF_6$	6.5–36.8–56.6	909.0	297
$BaTiO_3-K_2MoO_4$	0.4	909.0	723
Cs_2O-SiO_2	23.7	910.0	1368
$Rb_2O-V_2O_5$	69	910.0	1134
$CaSO_4-Na_2SO_4$	50	910.0	1439
$K_2SO_4-K_2MoO_4$	27.5	910.0	2501
MoO_3-PbO	37.5	910.0	2655
$NiSb-PbS$	54	910.0	2755
$K_3AlF_6-Na_3AlF_6$	29	912.0	1465
BaF_2-MgF_2	60	912.0	9 207 747
$Al_2O_3-MgF_2-Na_3AlF_6$	4.5–35.5–60.	912.0	1402
$Li_2SO_4-Sc_2(SO_4)_3$	30	912.0	2610
$NaBO_2-Na_3PO_4$	83 APP	912.0	2721
$BaSO_4-Na_2SO_4$	19.9	913.0	3131
$BaSO_4-Na_2SO_4$	NA	913.0	3129
$Ca_2P_2O_7-Na_4P_2O_7-Na_2SO_4$	23.2–70–6.7	914.0	1114
$BaF_2\ MgF_2$	40.3	915.0	2445
$Li_2TiO_3-NaF-Na_2TiO_3$	10.3–21.4–68.3	917.0	197
$CaSO_4-Na_4P_2O_7-Na_2SO_4$	49.2–2.5–48.2	918.0	1114
ErF_3-NaF	72	920.0	1401
BaF_2-BeF_2	72	920.0	699
UF_4-UO_2	20.9	920.0	1826
$BaO-Li_2O-SiO_2$	1.2–2.2–96.6 APP	920.0	2336
$Na_2B_4O_7-CeO_2$	99.4 APP	920.0 APP	1917
$Mg(BO_2)_2-Sr(BO_2)_2$	42.5	920.0	860
$K_2CrO_4-K_2MoO_4$	10	920.0	2501
$CdSe-Ga_2Se_3$	41	920.0	2657
$NaF-TiO_2$	80	920.0	2890
$Al_2O_3-CaF_2-Na_3AlF_6$	16.1–27.3–56.6	923.0	181 497 757
$CaCl_2-CaF_2$	80	923.0	2667
$MgF_2-Na_3AlF_6$	18	924.0	1402
$K_3AlF_6-Na_3AlF_6$	73	925.0	1717
$K_3AlF_6-Na_3AlF_6$	75	925.0	1292
$K_3AlF_6-Na_3AlF_6$	73	926.0	1465
$KCl-VCl_2$	47.5	930.0	222
$Bi_2O_3-MoO_3$	66.6	930.0	1109
GeO_2-Li_2O	74	930.0 ±10	1000
$PbO-WO_3$	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

tor ber	System	Mol %	T, °C	References	
	HoF_3–NaF	71	962.0	1401	
	$SrCl_2$–SrF_2	37	962.0	411	519
	Al_2O_3–Na_3AlF_6	18.6	962.0	812	1402
	K_2O–WO_3	44	962.0	3056	
	$PbMoO_4$–$PbSO_4$	57	962.0	3213	
	Na_3AlF_6–Sm_2O_3	98.8	963.0	893	
	NaF–TiO_2	79	967.0	124	
	B_2O_3–SrO	63	967.0	1999	
	BaF_2–NiF_2	44	968.0	2355	
	Na_3AlF_6–TiO_2	90.2	970.0	542	543
	CaO–P_2O_5	51 APP	970.0 APP	2100	
	La_2O_3–MgO	50	970.0 APP	934	
	P_2O_5–SrO	48 APP	970.0 APP	2100	
	B_2O_3–K_2O–WO_3	61–35–4	970.0	2972	
	$Ba_5Si_8O_{21}$–Li_2SiO_3	NA	970.0	2778	
	K_2SO_4–$SrSO_4$	63	970.0	3127	
	CdO–Na_3AlF_6	9.6	971.0	542	543
	Na_3AlF_6–ZrO_2	86	971.0	547	
	$Ba_2Si_3O_8$–Li_2SiO_3	NA	972.0	2778	
	Na_3AlF_6–ZnO	92.8	974.0	542	543
	KF–MgF_2–NaF	13.5–53.5–33.0	975.0	530	
	Al_2O_3–Li_2O–SiO_2	4.3–10.7–85	975.0	921	984
	$NiFe_2O_4$–$Pb_3(PO_4)_2$	27	975.0	1481	
	$Ba_2Si_2O_5$–Li_2SiO_3	NA	975.0	2778	
	$BaSiO_3$–Li_2SiO_3	NA	976.0	2778	
	Cs_2SO_4–Rb_2SO_4	75	978.0	1762	
	KF–ThF_4	22	980.0	148	615
	CaF_2–MgF_2	50	980.0	2445	
	NaF–$PbTiO_3$	99	980.0	516	
	$SrCl_2$–Sr_3N_2	11	980.0	1172	
	Al_2O_3–Li_2O–SiO_2	4.7–28–67.3	980.0	921	984
	DyF_3–NaF	70	982.0	1401	
	Li_2MoO_4–$Li_4P_2O_7$	3.9	982.0	1123	1155
	MoO_3–$ZnMoO_4$	49.75	985.0 ±10	1700	
	AlF_3–MgF_2	43.5	985.0	3045	
	$KCaF_3$–$KMgF_3$	60	985.0	3092	
	MoO_3–ZnO	48.5	985.0 ±5	2747	
	LiCl–$Li_4P_2O_7$	9.3	986.0	1111	
	Na_2TiO_3–TiO_2	65	986.0	1459	
	MgF_2–NaF	36	987.0	528	530
	PbS–ZnS	78	988.0	3005	
	BaF_2–$BaWO_4$	67	988.0	2881	
	CaO–CuO–Cu_2O	10.7–42.8–46.5	990.0	1820	
	Na_2O–SiO_2–ZnO	51.7–42–6.3	990.0 ±10	1838	
	Na_2O–TiO_2	35	990.0	1988	
	$BaTiO_3$–$K_4P_2O_7$	19.8	992.0	723	
	NaF–TbF_3	32	994.0	1401	
	$PbSO_4$–$PbWO_4$	50	995.0	136	
	CaF_2–ScF_3	61	995.0	2644	
	$PbSO_4$–$PbWO_4$	49	995.0	3213	
	$PbSO_4$–$PbWO_4$	50	996.0	3154	
	CaF_2–UF_4	23.5	997.0	2156	
	NaCl–Na_2TiO_3	15	998.0	1459	
	MgF_2–NaF	36	1000.0	528	
	$SrBr_2$–Sr_3N_2	13	1000.0	1172	
	Sm_2O_3–WO_3	14	1000.0	1438	
	$CdWO_4$–PbO	50	1000.0 APP	2151	
	$Pr_2(WO_4)_3$–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	CeO_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

r System r	Mol %	T, °C	References
BaF_2–$BaSiO_3$	58	1075.0	362
Al_2O_3–CuO–Cu_2O	2.8–55.9–41.2	1075.0	951
CdO–P_2O_5	72	1075.0 ±5	1001
CuO–Cu_2O	45.8	1075.0	951
MgF_2–$Mg_3(PO_4)_2$	11	1076.0	3172
RbF–ScF_3	30	1080.0	1797
PbS–PbSe	44	1080.0 ±2	1002
$La_2(WO_4)_3$–Na_2WO_4	1 APP	1080.0 APP	2441
CdS–PbS	15	1080.0	2945
Na_2MoO_4–$Sm_2(MoO_4)_3$	10	1080.0	3059
KF–NiF_2	34.5	1084.0	398
CaF_2–RbF	43	1090.0	1918
Cr_2O_3–FeO	72.8	1090.0 APP	1087
GeO_2–Nb_2O_5	97 APP	1090.0	1837
CdSe–CdTe	20 APP	1091.0	2659
Al_2O_3–GeO_2	6	1095.0 ±5	2205
GeO_2–MnO	43.5 APP	1095.0 ±10	861
Al_2O_3–Cu_2O	9.5	1096.0	951
$BaMoO_4$–$MgMoO_4$	45	1098.0 ±3	2814
CdO–WO_3	35	1100.0	2287
CuO–GeO_2	7.5	1100.0	2318
BaO–SiO_2–ZnO	23–59–18 APP	1100.0	2719
Na_2MoO_4–$Tb_2(MoO_4)_3$	15	1100.0	3059
Cs_2WO_4–$Tb_2(WO_4)_3$	31 APP	1100.0	2867
CaF_2–CaO–SiO_2	41.9–38.1–19.9	1104.0	973
CaF_2–Ca_2SiO_4–CaO	55.8–26.5–17.7	1104.0	973 973 1261
BaO–GeO_2	39.2	1105.0	1329
CoO–P_2O_5	83	1105.0	1870
Fe_2SiO_4–Zn_2SiO_4	64.1	1105.0 APP	988
Fe_2SiO_4–Zn_2SiO_4	64.1 APP	1105.0 APP	1867
MgF_2–$Mg_3(PO_4)_2$	87	1105.0	3172
CaF_2–CaO–SiO_2	28.5–59.2–12.2	1106.0	973
CaF_2–Ca_2SiO_4–CaO	37.8–16.2–46.	1106.0	973 973 1261
CaF_2–YF_3	9	1106.0	3266
CaO–FeO	NA	1107.0	2298
CaF_2–Ca_2SiO_4	68.1	1110.0	1958
GeO_2–SrO	98 APP	1110.0	2248
CaO–FeO–Fe_2O_3	32.16–54.58–13.26	1115.0	2581
CaO–FeO–SiO_2	NA	1115.0 ±5	2298
GeO_2–Li_2O	40.0	1118.0	2950
CaO–FeO	30	1120.0	1374
CoO–P_2O_5	71	1120.0	1870
PbO–SrO	29	1120.0	2268
CaF_2–YF_3	40	1120.0	3266
$Al_2(WO_4)_3$–$Y_2(WO_4)_3$	50	1120.0	2783
MgO–V_2O_5	70 APP	1122.0	1283
CaO–MgO–P_2O_5	21.6–54.1–24.3	1122.0	2652
MgF_2–MgO–P_2O_5	60.2–31.4–8.4	1125.0	1488
BaO–SiO_2–ZnO	21–63–15 APP	1125.0	2719
CaF_2–$CaSiO_3$	53.	1128.0	62 698
CaF_2–$CaSiO_3$	48.	1130.0	62 698
Al_2O_3–CuO	12.1	1130.0	951
$CaFeSiO_4$–Zn_2SiO_4	62.1	1130.0	2188
CaO–WO_3	25	1135.0 ±5	1485
FeS–ZnS	6	1135.0	3005
BaO–Cr_2O_3	86.9	1140.0	2517
$CaFeSiO_4$–Zn_2SiO_4	95.7	1140.0	2188
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

tor ber	System	Mol %	T, °C	References
5	Al_2O_3–CaF_2–TiO_2	7.1–56.6–36.2	1280.0	1473
7	BaO–Cr_2O_3	64.8	1280.0	2517
3	CaO–GeO_2	15	1280.0	1908
)	FeO–TiO_2	89.1 APP	1280.0	1742
)	BaO–SiO_2–TiO	54.0–39.0–7.0	1286.0	2637
l	Al_2O_3–CaF_2–CaO–MgO	NA	1287.0	3066
2	Al_2O_3–CaF_2	7.	1290.0 ±5.	3269
3	CaO–P_2O_5	69 APP	1290.0 APP	2100
4	P_2O_5–SrO	31 APP	1290.0 APP	2100
5	BaO–Cr_2O_3	41.8	1300.0	2517
5	B_2O_3–MgO	30.6	1300.0 ±5	1083
7	Fe_2O_3–La_2O_3–SnO_2	12–82–6	1300.0 ±10	2227
3	Nb_2O_3–WO_3	11	1300.0 APP	1004
)	$CaMg(SiO_3)_2$–$SrSiO_3$	55.7	1300.0	2097
)	CaF_2–LaF_3	40	1300.0	2640
l	Li_2O–TiO_2	16	1300.0	2944
2	MnO–Mn_2O_3–SiO_2	68.4–5–26.5	1303.0	1836 1873
3	Al_2O_3–FeO	22.7	1305.0	1073
4	Al_2O_3–FeO	4.3 APP	1310.0 ±10	1471
5	Eu_2O_3–Ta_2O_5	1 APP	1310.0 APP	2479
5	BaO–Fe_2O_3	38	1315.0	931
7	SiO_2–TiO_2–ZnO	NA	1315.0 ±5	3068
3	BaO–TiO_2	32	1315.0	3220
)	BaO–TiO_2	32	1317.0	2125
)	MgO–WO_3	55	1318.0 ±5	1485
l	BaO–WO_3	58.5	1320.0	924
2	BaO–WO_3	58.2 APP	1320.0 ±5	1485
3	FeO–TiO_2	52.6 APP	1320.0	1742
4	Fe_2O_3–La_2O_3–SnO_2	7–84–9	1320.0 ±10	2227
5	NiO–P_2O_5	72	1320.0	1870
5	LaF_3–La_2O_3	80	1320.0	2852
7	Al_2O_3–$MnTiO_3$	14	1320.0	2880
3	CaO–Ga_2O_3	44	1323.0	2391
)	MgO–SiO_2–SrO	35.5–50–14.5	1325.0	886
)	$MgSiO_3$–$SrSiO_3$	52.1	1325.0	1437
l	CaO–Nb_2O_5	23.2	1326.0	1099
2	BaO–Fe_2O_3	58.8	1330.0	930
3	BaO–Fe_2O_3	61	1330.0	931
4	BeO–SiO_2–SrO	28.1–50–21.9	1330.0 APP	886
5	Al_2O_3–CaO–Fe_2O_3	31.1–62.1–6.8 APP	1335.0	2246
6	MgF_2–MgO–P_2O_5	8.6–69.0–22.5	1337.0	1488
7	Fe_2O_3–La_2O_3–SnO_2	30–35–35	1340.0 ±10	2227
8	Nb_2O_3–WO_3	40	1340.0 APP	1004
9	NiO–P_2O_5	82	1340.0	1870
0	CaF_2–CaO–MgO	60.8–22.6–16.6	1343.0 ±3.	1338
1	BaF_2–Y_2O_3	99 APP	1343.0	2696
2	Al_2O_3–MgO–SiO_2	10.5–29.5–60	1345.0	2063
3	Al_2O_3–SiO_2–Y_2O_3	19.2–68.2–12.6	1345.0	1409
4	Cr_2O_3–FeO	NA	1345.0	2946
5	$CaNb_2O_6$–$LaNb_3O_9$	64	1345.0	3050
6	CaF_2–MgO	82.	1350.0	1068
7	BaO–SiO_2–ZnO	15–58–27	1350.0	2719
8	CaO–TiO_2–V_2O_5	59.0–13.0–28.0	1350.0	2927
9	CaF_2–CaO	74.8	1360.0	973 973 1261
0	CaF_2–CaO	76.5	1360.0	180
1	B_2O_3–MgO	17.9	1360.0 ±5	1083
2	Fe_2O_3–La_2O_3–SnO_2	33–47–20	1360.0 ±10	2227
3	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–CeO_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

ıor ber	System	Mol %	T, °C	References
	$Ca_7Al_6ZrO_{16}$–MgO	22.4	1457.0	1003
	SrF_2–Y_2O_3	96±1	1457.0 ±5	2808
	CaO–SiO_2	56.7	1460.0	1440
	CaO–TiO_2	20.2	1460.0 ±10	1071
	Fe_2O_3–Y_2O_3	86.4	1469.0	1902
	Fe_2O_3–Y_2O_3	87 APP	1469.0	1444
	Fe_2O_3–Y_2O_3	86	1469.0 ±2	1315
	BeO–Gd_2O_3	46.6	1472.0 ±2	1981
	BaO–Ga_2O_3	29	1475.0	2391
	Cr_2O_3–Nb_2O_5	21	1475.0	954
	Al_2O_3–CaF_2–CaO	44.5–6.5–49	1475.0 LT	2740
	B_2O_3–ThO_2	19 APP	1483.0	937
	CaO–WO_3	56.5	1490.0 ±5	1485
	CaO–Nb_2O_5	58.6	1492.0	1099
	Nb_2O_5–NiO	33	1495.0	954
	Al_2O_3–MnO–SiO_2	26–22–42 APP	1500.0 APP	1073
	Al_2O_3–SrO–ZrO_2	34.5–63–2.5	1500.0	1954
	CaO–Dy_2O_3	28	1500.0	1248
	Cr_2O_3–Fe_2O_3	27	1500.0	1682
	MgO–SiO_2–ZnO	20.9–25.8–53.3	1500.0 ±5	1246
	Mg_2SiO_4–Zn_2SiO_4	35.3	1500.0 APP	1246
	La_2WO_3–WO_3	37 APP	1500.0	2678
	HfO_2–MgO	82	1500.0	3070
	CeO_2–Fe_3O_4	38.7 APP	1510.0 APP	1085
	CeO_2–TiO_2	55 APP	1510.0 APP	1085
	MnS–MnSe	10 APP	1510.0	2105
	$CaAl_2O_4$–$Ca_2Al_2SiO_7$	70	1512.0	2345
	Al_2O_3–MnO	18	1520.0 ±10	1288 1848
	Al_2O_3–MnO	18	1520.0	2946
	$Ca_2Al_2SiO_7$–$MgAl_2O_4$	73.1	1527.0	2345
	CeO_2–Mn_3O_4	38.7 APP	1530.0 APP	1085
	$MgNb_2O_6$–$Mg_5Nb_4O_{15}$	NA	1530.0	2675
	CaO–Nb_2O_5	70.9	1535.0	1099
	Ga_2O_3–SrO	60	1540.0	2391
	$Ca_3(PO_4)_2$–SiO_2	70.5	1540.0	1023
	$CaAl_4O_7$–$Ca_2Al_2SiO_7$	33.7	1545.0	2345
	Gd_2O_3–TiO_2	14	1545.0	1257
	Al_2O_3–SiO_2	3 APP	1547.0 ±5	941
	CaF_2–CaO–P_2O_5	1.9–75.7–22.4	1550.0	473
	EuO–SiO_2	35	1550.0	2424
	CaF_2–CaO–P_2O_5	5.2–74.8–19.9	1560.0	473
	P_2O_5–SrO	21 APP	1560.0 APP	2100
	Sc_2O_3–TiO_2	12.5 APP	1560.0 ±25	1470
	CaO–MgO–P_2O_5	72.6–5.5–21.9	1560.0	2652
	LaF_3–La_2S_3	20	1560.0	2852
	BaO–TiO_2	56.5	1563.0	1902
	BaO–TiO_2	57.5	1563.0	2125
	Ga_2O_3–MgO	85	1570.0	2391
	MgO–Ta_2O_5	20	1575.0	866
	SiO_2–SmO	70	1575.0	2424
	$KAlSiO_4$–Mg_2SiO_4	62.3	1575.0 ±25	2080
	CaO–P_2O_5	78 APP	1580.0 APP	2100
	Fe_2O_3–NiO	23	1580.0	1544
	B_2O_3–Sc_2O_3	42 APP	1582.0 ±5	1967
	Al_2O_3–CaO	51.4	1590.0	1457
	Al_2O_3–SiO_2	90.2	1590.0	1152
	BaO–WO_3	90 APP	1590.0	1485
	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

ator nber	System	Mol %	T, °C	References
8	La_2O_3–Ta_2O_5	27 APP	1750.0 APP	2422
9	MgO–ZnO	41.5	1750.0 GT	1246
0	SiO_2–ZrO_2	95	1750.0	1178
1	Ca_2SiO_4–$Y_4(SiO_4)_3$	77.9	1750.0 ±20	1026
2	Al_2O_3–La_2O_3	77.6	1760.0	1457
3	Al_2O_3–Sm_2O_3	76	1760.0	1284
4	Al_2O_3–Y_2O_3	76.9	1760.0	1407 1803
5	Cr_2O_3–SiO_2	65	1760.0	980
6	Cr_2O_3–TiO_2	4	1760.0	2607
7	GeO_2–SrO	12	1760.0	2248
8	Ca_2SiO_4–$Nd_4(SiO_4)_3$	80.3	1760.0 ±20	1285
9	Al_2O_3–La_2O_3	79	1765.0 APP	2036
0	Al_2O_3–CeO_2	54 APP	1770.0 APP	1085
1	Al_2O_3–MnO	65.3	1770.0 ±15	1288 1848
2	Ba_2SiO_4–Ca_2SiO_4	37.2	1770.0 ±20	1053
3	Ca_2SiO_4–$La_4(SiO_4)_3$	78.5	1770.0 ±20	1285
4	Al_2O_3–MnO	65	1770.0	2946
5	Al_2O_3–CaO	67.4	1775.0	1457
6	La_2O_3–Ta_2O_5	8 APP	1775.0 APP	2422
7	$CaSiO_3$–Cr_2O_3–MgO	46.8–3.7–49.5	1775.0 ±25	1472
8	$CaTiO_3$–ZrO_2	42.6	1777.0	1466
9	Al_2O_3–BeO–SiO_2	55.9–18.5–25.6	1780.0	1074
0	Al_2O_3–Ce_2O_3	40 APP	1780.0 APP	1992
1	Al_2O_3–Y_2O_3	79 APP	1780.0 APP	2369
2	Al_2O_3–Sc_2O_3	66.6	1790.0 ±20	940
3	La_2O_3–Ta_2O_5	62 APP	1800.0 APP	2422
4	SrO–TiO_2	80	1800.0 ±20	3268
5	Ca_2GeO_4–Ca_2SiO_4	64 APP	1800.0 APP	1318
6	Ca_2GeO_4–Sr_2GeO_4	35	1800.0	3265
7	La_2O_3–La_2S_3	20	1800.0	2852
8	$CaTiO_3$–Cr_2O_3	57.7	1807.0	1466
9	Gd_2O_3–SiO_2	65.7	1810.0	819
0	Al_2O_3–Sc_2O_3	44	1820.0 ±20	940
1	Al_2O_3–Sm_2O_3	72.9	1825.0	1718
2	Al_2O_3–La_2O_3	76.2	1830.0	1803
3	Al_2O_3–La_2O_3	76.25	1830.0	1131
4	Al_2O_3–La_2O_3–MgO	50–11.73–38.27	1830.0	1092
5	Al_2O_3–MgO–ZrO_2	42.1–17.3–40.5	1830.0	1095
6	CaO–GeO_2	70	1830.0	1908
7	$LaAlO_3$–$MgAl_2O_4$	38	1830.0	1092
8	Ba_2SiO_4–Ca_2SiO_4	80.9 APP	1830.0 ±20	1053
9	Ca_2SiO_4–Sr_2GeO_4	20	1830.0	2760
0	La_2O_3–La_2S_3	50	1830.0	2852
1	Al_2O_3–BeO	42.4	1835.0	1074
2	Al_2O_3–MgO–Nd_2O_3	50–38.3–11.7	1835.0	865
3	La_2O_3–Ta_2O_5	83 APP	1835.0 APP	2422
4	$MgAl_2O_4$–$NdAlO_3$	62	1835.0	865
5	Al_2O_3–MgO–ZrO_2	16.6–42–41.3	1840.0	1095
6	Al_2O_3–SiO_2–Y_2O_3	13.4–29.4–57.2	1840.0	1409
7	CaO–TiO_2	52.6	1840.0 APP	1521
8	Cr_2O_3–Fe_2O_3–MgO	25.1–25.1–49.8	1840.0 APP	1682
9	Cr_2O_3–SiO_2–ZrO_2	21.25–63.75–15	1840.0	980
0	GeO_2–SrO	31	1840.0	2248
1	Al_2O_3–SiO_2	67	1840.0	1443
2	Al_2O_3–SiO_2	67.6	1840.0	862
3	Al_2O_3–SiO_2	68	1840.0	867
4	Al_2O_3–BeO	60.1	1850.0	1074
5	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

or er	System	Mol %	T, °C	References
	$CaO-Sc_2O_3$	26.5	2015.0	1337 1348
	$CaO-Yb_2O_3$	47	2020.0	1282 1969
	$Cr_2O_3-Y_2O_3$	28	2020.0 ±15	2597
	$Cr_2O_3-Y_2O_3$	28	2020.0 ±30	2040
	Al_2O_3-MgO	32.6	2030.0	2566
	Al_2O_3-MgO	33.5 APP	2030.0	2309
	$BeO-ZrO_2$	59±2	2045.0 ±10	868
	$CaO-Gd_2O_3$	67	2050.0	1282
	$Cr_2O_3-Eu_2O_3$	84	2050.0 ±20	2597
	$Cr_2O_3-La_2O_3$	20	2050.0 ±15	2597
	$Cr_2O_3-Sc_2O_3$	63	2050.0 ±30	2597
	$Cr_2O_3-Gd_2O_3$	23	2060.0 ±20	2039 2597
	$Cr_2O_3-Nd_2O_3$	24	2060.0 ±30	1453 2597
	$Cr_2O_3-Sc_2O_3$	63	2060.0	1907
	$Gd_2O_3-HfO_2$	90	2060.0	2429
	$MgO-Y_2O_3$	48	2060.0 APP	934
	$CaO-SiO_2$	69.2	2065.0	1440
	Cr_2O_3-MgO	90 APP	2070.0	2309
	$Cr_2O_3-Y_2O_3$	80	2070.0 ±30	2040 2597
	$MgO-ZrO_2$	49	2070.0	1086
	$Cr_2O_3-La_2O_3$	82	2080.0 ±30	2597
	$Cr_2O_3-Sm_2O_3$	84	2080.0 ±30	2017 2597
	$La_2O_3-ZrO_2$	64 APP	2080.0 APP	2004 2126
	$MgO-Sc_2O_3$	44	2080.0 APP	934
	$MgO-Y_2O_3$	52	2080.0	1863
	$MgO-Y_2O_3$	52	2080.0 ±30	3267
	$MgO-ZrO_2$	65±3	2080.0 ±10	868
	Dy_2O_3-SrO	59.5 APP	2080.0	2668
	Gd_2O_3-MgO	50 APP	2080.0 ±20	2698
	SiO_2-SrO	23 APP	2080.0 +15	2939
	$Cr_2O_3-ZrO_2$	61	2087.0	2607
	$Al_2O_3-ZrO_2$	49.7	2100.0	1483
	$CaO-Gd_2O_3$	16	2100.0	1282
	$Cr_2O_3-Nd_2O_3$	78	2100.0 ±30	1453 2597
	$La_2O_3-ZrO_2$	60 APP	2100.0 APP	1085
	$MgO-UO_2$	75 APP	2100.0	1985
	$Nd_2O_3-ZrO_2$	76 APP	2100.0 APP	2004 2126
	$Sc_2O_3-Y_2O_3$	55	2100.0	1347
	$SrO-ZrO_2$	82.6	2100.0	1946
	Dy_2O_3-MgO	50 APP	2100.0 ±20	2698
	$BaO-SiO_2$	50 APP	2100.0 ±15	2939
	$La_2O_3-Sc_2O_3$	26	2110.0	1337
	$Cr_2O_3-Gd_2O_3$	85	2120.0 ±30	2039 2597
	$Cr_2O_3-La_2O_3$	22	2130.0 ±30	1140
	$BeO-PuO_2$	66	2135.0	2230
	$MgO-Sc_2O_3$	54	2150.0	1863
	Sc_2O_3-MgO	46	2150.0 ±30	1047
	$CaO-ZrO_2$	68	2150.0	2738
	SiO_2-SrO	27 APP	2150.0 ±15	2939
	$BeO-ThO_2$	70	2155.0 ±5	2062
	$Gd_2O_3-ZrO_2$	77.5 APP	2157.0 ±25	1335
	BeO_2-UO_2	65	2160.0	2230
	$HfO_2-La_2O_3$	35	2160.0 ±30	976
	$Gd_2O_3-ZrO_2$	86	2175.0	2429
	$BeO-ThO_2$	79±1	2175.0 ±8	2795
	$Ce_2O_3-Cr_2O_3$	33 APP	2185.0 APP	1992
	$HfO_2-La_2O_3$	75	2210.0 ±30	976
	$SrO-ZrO_2$	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

;ator nber	System	Mol %	T, °C	References
20	AlI_3–GaI_3	NA		2289
21	GaI_3–InI_3	NA		2289
22	Al_2O_3–BeO–SiO_2	NA		2397
23	Al_2O_3–Na_2O	70		972
24	Al_2O_3–Na_2O	95		972
25	Al_2O_3–Nd_2O_3–Y_2O_3	NA		2491
26	BeO–PuO_2–UO_2	NA		2230
27	Bi_2O_3–Fe_2O_3–Mn_2O_3	NA		2398
28	B_2O_3–Nb_2O_5	NA		1841
29	FeO–Fe_2O_3–SiO_2–ZrO_2	NA		2044
30	Ga_2O_3–In_2O_3	NA		2531
31	HfO_2–ZrO_2	NA		2346
32	La_2O_3–WO_3	NA		1956
33	Nb_2O_5–Sb_2O_3	NA		2396
34	PuO_2–UO_2	NA		2230 2247 2314
35	$LiTiO_2$–TiO	NA		2395
36	Li_2SiO_3–SiO_2	NA		2412
37	$NaNbO_3$–Nb_2O_5	NA		2379
38	$NaVO_3$–V_2O_5	NA		2415
39	Ag_2S–SiS_2	NA		2132
40	Ba_2S–GeS_2	NA		2383
41	Cu_2S–SiS_2	NA		2132
42	Bi_2S_3–Sb_2Se_3	NA		1883
43	Ag_2SO_4–Na_2SO_4	NO MINIMUM REPORTED		2115
44	K_2SO_4–Li_2SO_4–Na_2SO_4	14–79–7 APP		2499
45	$NaNO_3$–Rb_2SO_4	NA		2529
46	K_2CO_3–K_2SO_4	NA		2361
47	Li_2CO_3–Na_2CO_3	NA		2492
48	Fe_2SiO_4–Zn_2SiO_4	NA		1824
49	$BaSiO_3$–$BaGeO_3$	NA		2302
50	Sr_2GeO_4–Sr_2SiO_4	NA		2408
51	K_2CrO_4–K_2WO_4	SER SOLID SOL		2501
52	K_2MoO_4–K_2WO_4	SER SOLID SOL		2501
53	Li_2WO_4–$Y_2(WO_4)_3$	NA		2473
54	$NaNd(WO_4)_2$–$SrWO_4$	NA		1990
55	Na_2WO_4–$Nd_2(WO_4)_3$–$SrWO_4$	NA		2441
56	$Na_2W_2O_7$–$SrWO_4$	100 APP		1945
57	$Nd_2(WO_4)_3$–$SrWO_4$	NA		1990
58	YbSe–Yb_2S_3	NA		2381
59	$PbMoO_4$–$ZnMoO_4$	NOT A EUTECTIC SYSTEM		2611
60	$CdCl_2$–$CdSeO_3$	NOT A EUTECTIC SYSTEM		2612
61	CsBr–$CsNO_3$	SER SOLID SOL		2615
62	$AlCl_3$–$GaCl_2$–$GaAlCl_4$	SER SOLID SOL		2629
63	K_2TiF_6–Na_2TiF_6	SER SOLID SOL		2630
64	$AlBr_3$–AlI_3	SER SOLID SOL		2636
65	CoF_2–MnF_2	SER SOLID SOL		2665
66	MnF_2–NiF_2	SER SOLID SOL		2665
67	$KClO_4$–KNO_3	SER SOLID SOL		2782
68	$CaTiO_3$–La_2TiO_5	SER SOLID SOL		2799
69	$PuCl_3$–UCl_3	SER SOLID SOL		2842
70	KNO_3–$RbNO_3$	SER SOLID SOL		2900
71	RbBr–$RbNO_3$	SER SOLID SOL		2900

System	Locator number					System	Locator number					
$POCl_3$–$TaCl_5$–$TiCl_4$	63	279	233	261	308	RbI–SbI_3	2835					
$POCl_3$–$TeCl_4$	66	71				RbI–TlCl	2754	2285				
$POCl_3$–$TiBr_4$	75	62	196	4448		RbI–TlI	2399					
$POCl_3$–$TiCl_4$	64	271	280			Rb_2MoO_4–$Sm_2(MoO_4)_3$	4883	5514				
$POCl_3$–$VOCl_3$	14					$RbNO_2$–$Sr(NO_2)_2$	1159	1126				
$POCl_3$–WCl_6	68					$RbNO_3$–$Sr(NO_3)_2$	988	906				
$POCl_3$–$ZrCl_4$	746	657				$RbNO_2$–$TlNO_3$	949	932				
P_2O_5–SrO	5536	5764	5913	5930		$RbNO_2$–$TlNO_2$	788					
PrF_3–RbF	4104	4290				$RbNO_3$–$TlNO_2$	751					
$Pr_2(WO_4)_3$–Rb_2WO_4	5148	5581				$RbNO_3$–$TlNO_3$	907					
$PuCl_3$–PuOCl	4917					Rb_2O–SiO_2	4908	5031				
$PuCl_4$–RbCl	3357	3359				Rb_2O–V_2O_5	2853	2040	2884	5196	3020	543
$PuCl_3$–$SrCl_2$	3865					Rb_2O–WO_3	4532					
$PuCl_3$–UCl_3	2872	6269				$RbPO_3$–$Zn(PO_3)_2$	3447					
PuC–PuSi	5833					$RbSc(SO_4)_2$–Rb_2SO_4	5147					
PuF_6–UF_6	6190					$RbSc(SO_4)_2$–Sc_2SO_4	5109					
PuO_2–UO_2	6234					Rb_2SO_4–$RbNO_3$	1523					
$RbBF_4$–RbF	2473					Rb_2TeO_3–TeO_2	2167	2250	2920			
RbBr–Rb_2CO_3	3407	3449				RbV_2O_5–V_2O_5	3597	3760	3745			
RbBr–Rb_2CrO_4	3921					$ReCl_3$–$ReCl_5$	1280					
RbBr–RbI	3875					$ReCl_5$–$ReOCl_4$	97					
RbBr–$RbNO_3$	1532	6271				$ReOCl_4$–$TaCl_5$	98					
RbBr–Rb_2SO_4	4031	4032				$SbBr_3$–$SbCl_3$	135					
RbBr–$TiBr_3$	3513	3757	3872			$SbBr_3$–SbI_3	231					
RbBr–$TiBr_2$	3523	4966				$SbBr_3$–$SnBr_4$	94					
RbBr–$TiBr_4$	4067					$SbBr_3$–$TeBr_4$	230					
RbBr–TlBr	2609					$SbCl_3$–SbI_3	114					
$RbC_2H_3O_2$–$RbNO_3$	893	799				$SbCl_3$–$TaCl_5$	6213					
$RbC_2H_3O_2$–$Zn(C_2H_3O_2)_2$	634					$SbCl_5$–$TiCl_4$	35					
RbCl–RbF	3212					$SbCl_3$–WCl_6	181					
RbCl–RbI	3403	3427	3480			$SbCl_5$–WCl_6	70					
RbCl–RbI–TlI	2181					$SbCl_3$–$WOCl_4$	182					
RbCl–Rb_2SO_4	4115	4116				SbF_5–XeF_2	123	151	186			
RbCl–$RbTaOCl_4$	3123					SbI_3–Sb_2O_3	709	3944				
RbCl–Rb_2VOCl_4	2785					SbI_3–Sb_2S_3	1677					
RbCl–$SbCl_3$	117					S_2Br_2–$SnBr_4$	36					
RbCl–$ScCl_3$	3033	4229				Sb_2Se_3–Sb_2Te_3	3398					
RbCl–$SmCl_3$	2632	3385	4002			Sb_2Se_3–SnSe	3335	3304				
RbCl–$SnCl_2$	856	895	1077	931	888	Sb_2S_3–SnS_2	3049					
RbCl–$SrCl_2$	3124	3386	3970	4003	4189	S_2Cl_2–$SeCl_2$	217					
RbCl–$SrMoO_4$	4606					S_2Cl_2–$TeCl_4$	224					
RbCl–$TaCl_3$	3664	1514				Sc_2O_3–MgO	6150					
RbCl–$TaCl_4$	3871	1403				Sc_2O_3–ThO_2	6162					
RbCl–$ThCl_4$	2420	2238	3966			Sc_2O_3–TiO_2	5914					
RbCl–ThF_4	4152					Sc_2O_3–UO_2	6172					
RbCl–$TiCl_3$	3170	3823	4254	4298	4370	Sc_2O_3–Y_2O_3	6141					
RbCl–$TiCl_2$	4004	4995				Sc_2O_3–ZrO_2	6185					
RbCl–TlCl	2377					$SeCl_4$–$SbCl_3$	157					
RbCl–TlCl–TlI	1529					$SeCl_4$–WCl_6	1011					
RbCl–TlI	2244					$SiCl_4$–$TeCl_4$	22					
RbCl–UCl_3	2931	4962				$SiCl_4$–WCl_6	21					
RbCl–UCl_4	3275	1974	1955			Si_2OCl_6–$TiCl_4$	32					
RbCl–VCl_3	3387	4230	4465			SiO_2–SmO	5921	5943	5981			
RbCl–WCl_5	3632	1202				SiO_2–SrO	6133	6152				
RbCl–YCl_3	2949	3456	3887			SiO_2–ThO_2	5974					
RbCl–$ZnCl_2$	1364	1226				SiO_2–ThO_2–UO_2	5975					
RbF–Rb_2CO_3	3861	3977				SiO_2–TiO_2–ZnO	5777					
RbF–Rb_2MoO_4	4517	4958				SiO_2–V_2O_5	4294					
RbF–Rb_2SiF_6	4657	4658	5211	5212		SiO_2–ZnO	5856					
RbF–Rb_2SO_4	4770	4786	5276	5290		SiO_2–ZrO_2	5962	5967	5977	5990	6163	61
RbF–$Rb_2Ti_2O_5$	5059	5206				Sm_2O_3–WO_3	5579					
RbF–Rb_2WO_4	4798	5020				$SnBr_2$–SnS	875					
RbF–ScF_3	4953	5645				$SnBr_2$–TlBr	1329	1068				
RbF–SmF_3	4614					$SnCl_2$–SnS	1174					
RbF–SrF_2	4413					$SnCl_2$–$TaCl_5$	968	607				
RbF–ThF_4	4315	4994	5292	5583		$SnCl_2$–TlCl	820	855	1618	6214	876	12
RbF–VF_3	4954	5235					757	1251				
RbF–YF_3	4941	5319				$SnCl_4$–WCl_6	40					
RbF–ZnF_2	3699	4329				$SnCl_2$–YCl_3	1203					
RbI–$RbIO_3$	2953					$SnCl_2$–$ZnCl_2$	781	713	714			

ound	Locator number							Compound	Locator number						
	4164	4166	4171	4186	4187	4217	4218	$BeCl_2$	59	153	272	874	979	990	1029
	4219	4220	4223	4238	4243	4251	4252	$BeCl_2$	1032	1137	1142	1210	1338	1367	1455
	4265	4381	4412	4472	4500	4611	4638	$BeCl_2$	1460	1461	1485	1512	1525	1528	1533
	4700	4769	4838	5046	5110	5111	5164	$BeCl_2$	1534	1563	1581	1583	1589	1712	1716
	5175	5178	5188	5210	5267	5288	5291	$BeCl_2$	1803	1848	1855	1866	1889	1932	1933
	5297	5321	5322	5347	5352	5368	5369	$BeCl_2$	1975	1986	1992	1995	2678	2732	3130
	5413	5420	5475	5476	5480	5486	6201	$BeCl_2$	3131	3353	3492				
	1587	1600	1612	2113				BeF_2	1563	1645	1711	1784	1786	1787	1788
	3418	3422	3881	3886	3984	3990	4491	BeF_2	1817	1825	1832	1849	1890	1891	1935
	4492	4564	4838	4839	5178	5188	5189	BeF_2	1948	2109	2183	2360	2487	2507	2512
	5321							BeF_2	2565	2566	2639	2725	2792	2861	2984
	1336	2325	2682	3051	3211	3411	3518	BeF_2	3099	3117	3119	3179	3239	3346	3374
	3722	3746	3772	3815	3916	3923	3979	BeF_2	3527	3528	3715	3722	3794	4587	4627
	3995	4018	4023	4038	4154	4216	4226	BeF_2	4975	5023	5383	5448			
	4246	4265	4307	4322	4344	4352	4429	BeO	4927	5410	5713	5794	5879	5944	5959
	4476	4496	4514	4578	4617	4638	4662	BeO	6009	6031	6044	6053	6059	6066	6084
	4670	4671	4700	4732	4762	4769	4796	BeO	6110	6148	6153	6158	6222	6226	
	4797	4816	4845	4857	4865	4902	4905	BeO_2	6155						
	4912	4913	4919	4926	4970	4975	4976	$BeSO_4$	5019						
	5000	5001	5046	5051	5142	5156	5158	BF_3	1	2	6				
	5180	5183	5213	5227	5253	5267	5288	Bi	1340						
	5320	5334	5369	5380	5392	5437	5444	$BiBr_3$	496	727	913	946	954		
	5448	5475	5480	5486	5506	5516	5517	$BiCl_3$	173	322	463	480	481	497	509
	5532	5565	5595	5601	5618	5623	5640	$BiCl_3$	565	593	594	606	614	618	635
	5801	6191	6192					$BiCl_3$	677	697	712	716	724	727	779
	4155							$BiCl_3$	818	841	842	850	861	877	924
	6249							$BiCl_3$	955	960	1025	1033	1046	1054	1115
	4372							$BiCl_3$	1191	1920	3498				
	2452	2526	2711	4276	4352	4541		BiI_3	110	669	785	1205			
	2605	2606	3953	4420	4810	4811	4936	$Bi_2(MoO_4)_3$	3860						
	4937	5516	5658					Bi_2O_3	2388	3476	3687	3718	3731	3742	3743
	3803	4276	4541	5164	5237	5322		Bi_2O_3	3804	3883	3934	4007	4053	4068	4312
	4451							Bi_2O_3	4439	4502	4552	4561	4565	4574	4595
	163	164	212	256	260	281	317	Bi_2O_3	4659	4675	4978	5083	5101	5123	5132
	605	629	648	670	687	687	797	Bi_2O_3	5145	5229	5241	5254	5348	5373	5463
	806	828	859	959	965	966	1021	Bi_2O_3	5518	5709	6227				
	1070	1117	1206	1225	1235	1239	1243	BiOI	390						
	1243	1244	1257	1257	1259	1297	1312	Bi_2S_3	3738	4808	6242				
	1380	1425	1426	1427	1428	1472	1482	Bi_2Se_3	3806	4398					
	1506	2208	2876	2912	2929	2964	3312	Bi_2Te_3	2961	3272	3450	3477	3485		
	4100	5413	5450	5470	5477	5661	5666	$Bi_2(WO_4)_3$	5185						
	5688	5695	5697	5739	5742	5744	5757	B_2O_3	1698	2268	2534	2753	2790	3006	3080
	5760	5765	5776	5778	5779	5781	5782	B_2O_3	3233	3234	3689	3778	3914	3919	3934
	5792	5793	5807	5818	5820	5821	5822	B_2O_3	4231	4312	4530	4565	4574	4596	4612
	5824	5857	5867	5880	5917	5918	5928	B_2O_3	4659	4676	4779	4812	4815	4905	5029
	5929	5966	5970	6144				B_2O_3	5038	5042	5064	5073	5090	5138	5247
	3078	4380	5080	5092	5246	5351		B_2O_3	5320	5334	5469	5531	5537	5752	5766
	6240							B_2O_3	5811	5883	5925	6191	6192	6193	6194
	5490	5542	5547	6002	6028			B_2O_3	6228						
	5538							Br_2	41	51	54	55			
	4757	5548	5606	5640	6249			$CaAl_2O_4$	5898	5932					
	1186	1225	1544	2429	2636	2723	2733	$CaAl_4O_7$	5907	5932	5971				
	3178	3312	3761	3852	3868	3885	3903	$Ca_2Al_2SiO_7$	5898	5901	5907				
	3954	3956	3964	3974	3988	4019	4076	$Ca_7Al_6ZrO_{16}$	5872						
	4311	4490	4885	4986	5339	5340	5368	$Ca(BO_2)_2$	5259	5607	5610	5622			
	5441	5442	5517	5587	5588	5592		$CaBr_2$	1282	1337	1598	2171	2201	2292	2867
	2914	3557	3837	3940	3941	3950	5178	$CaBr_2$	3018	3028	3235	3236	3260	3265	3426
	5179	5187	5252	5294	5304	5344	5355	$CaBr_2$	3428	3504	3563	3624	3853	3915	
	5416	5429	5476	5489	5508	5569	5617	$CaCl_2$	86	92	115	206	267	1161	1597
	3502	4199	4451					$CaCl_2$	1655	1744	1789	1889	1988	2021	2048
	3876	4422	4460	4902	5347	5565		$CaCl_2$	2074	2100	2111	2119	2124	2174	2191
	15	19	24	26	28	29	37	$CaCl_2$	2215	2245	2295	2302	2307	2317	2322
	3	4	5	226				$CaCl_2$	2342	2364	2365	2414	2432	2446	2447

Compound	Locator number							Compound	Locator number						
$CaCl_2$	2448	2484	2504	2514	2515	2530	2532	$Ca(NO_3)_2$	703	720	758	759	789	822	
$CaCl_2$	2551	2571	2573	2576	2592	2594	2595	$Ca(NO_3)_2$	892	904	923	928	939	947	
$CaCl_2$	2642	2654	2704	2705	2716	2727	2728	$Ca(NO_3)_2$	971	972	1008	1019	1067	1076	
$CaCl_2$	2737	2742	2743	2759	2782	2786	2806	$Ca(NO_3)_2$	1118	1127	1139	1146	1150	1151	
$CaCl_2$	2820	2824	2828	2838	2845	2856	2862	$Ca(NO_3)_2$	1214	1259	1309	1319	1443	1644	
$CaCl_2$	2871	2881	2902	2903	2956	2963	3009	$Ca(NO_3)_2$	1884	2114	2114	2176	2215	2455	
$CaCl_2$	3040	3045	3077	3085	3118	3122	3158	$Ca(NO_3)_2$	2866	2912	2929	2983	3025		
$CaCl_2$	3163	3180	3183	3202	3218	3219	3240	CaO	2749	3652	3676	3838	4182	4780	
$CaCl_2$	3245	3274	3293	3300	3308	3318	3329	CaO	4826	4870	4961	5144	5407	5483	
$CaCl_2$	3376	3392	3400	3406	3429	3462	3481	CaO	5566	5664	5665	5671	5672	5674	
$CaCl_2$	3482	3493	3508	3519	3548	3549	3560	CaO	5678	5680	5686	5693	5698	5704	
$CaCl_2$	3567	3583	3599	3601	3610	3616	3629	CaO	5708	5712	5718	5722	5724	5735	
$CaCl_2$	3631	3638	3671	3676	3685	3691	3692	CaO	5749	5751	5753	5758	5761	5763	
$CaCl_2$	3698	3710	3711	3727	3737	3753	3754	CaO	5791	5795	5800	5808	5809	5810	
$CaCl_2$	3762	3763	3796	3799	3815	3824	3828	CaO	5829	5839	5840	5858	5859	5864	
$CaCl_2$	3833	3846	3857	3859	3880	3888	3924	CaO	5871	5874	5875	5882	5884	5885	
$CaCl_2$	3930	3948	3949	3955	4000	4005	4016	CaO	5904	5910	5912	5915	5923	5926	
$CaCl_2$	4058	4090	4091	4093	4107	4112	4121	CaO	6005	6026	6037	6060	6069	6075	
$CaCl_2$	4134	4136	4150	4239	4285	4289	4296	CaO	6087	6088	6091	6098	6104	6105	
$CaCl_2$	4332	4418	4563	4628	4634	4650	4704	CaO	6120	6136	6151	6174	6180		
$CaCl_2$	4705	4826	4841	4860	4961	5015	5144	$2CaO{\cdot}Fe_2O_3$	5823						
$CaCl_2$	5457	6202	6203					$Ca(OH)_2$	3496	4213	4353	5216			
$Ca(ClO_4)_2$	922	1101	1335	1612	1929			$Ca(PO_3)_2$	2681	4169	4468	4473	5246	5251	
$CaCO_3$	3496	3532	3930	4213	4300	5036	5125	$Ca(PO_3)_2$	5364	5957					
$CaCO_3$	5370							$Ca_2P_2O_7$	4850	5443	5515				
$CaCrO_4$	1693	1771	1812	3025	3127	3204	3493	$Ca_3(PO_4)_2$	4197	5721	5831	5848	5906	5941	
$CaCrO_4$	3508	4202	4203	4285	4289	4339	4383	$CaSiO_3$	5015	5689	5690	5831	5848	5951	
$CaCrO_4$	4878							Ca_2SiO_4	5216	5665	5672	5675	5846	5847	
CaF_2	1779	2475	2514	2616	2640	2683	2698	Ca_2SiO_4	5942	5952	5965	5991	5998	6002	
CaF_2	2717	2782	2817	2820	2841	2842	2861	Ca_2SiO_4	6015	6028	6029				
CaF_2	2963	3009	3180	3202	3245	3496	3560	$CaSO_4$	1721	2414	2530	2651	2786	2787	
CaF_2	3628	3746	3772	3782	3995	4045	4121	$CaSO_4$	3034	3171	3264	3326	3462	3549	
CaF_2	4154	4181	4227	4297	4330	4353	4373	$CaSO_4$	3768	3903	4039	4125	4224	4311	
CaF_2	4402	4403	4429	4461	4476	4513	4538	$CaSO_4$	4495	4500	4559	4650	4704	4745	
CaF_2	4579	4621	4638	4646	4662	4670	4700	$CaSO_4$	4777	4787	5045	5283	5339	5340	
CaF_2	4726	4800	4857	4867	4948	4949	4968	$CaSO_4$	5342	5349	5362	5363	5374	5381	
CaF_2	4971	4974	5007	5026	5027	5028	5046	$CaSO_4$	5432	5446	5507	5515	5592		
CaF_2	5051	5056	5057	5058	5069	5110	5111	$CaTiO_3$	6008	6018	6268				
CaF_2	5142	5157	5172	5198	5199	5200	5236	$Ca(VO_3)_2$	2944	3024	3483	4114			
CaF_2	5277	5369	5370	5456	5457	5468	5475	$CaWO_4$	3639	4965	5127				
CaF_2	5479	5491	5496	5497	5507	5510	5511	$CaZn_2(PO_4)_2$	5403						
CaF_2	5551	5572	5575	5595	5618	5625	5626	$CaZrO_3$	5953						
CaF_2	5629	5631	5634	5651	5664	5665	5671	$CaZr(PO_4)_2$	5710						
CaF_2	5672	5673	5675	5683	5689	5690	5706	CCl_4	47						
CaF_2	5712	5721	5728	5729	5735	5738	5755	Cd_3As_2	3926						
CaF_2	5756	5761	5762	5770	5800	5806	5809	$Cd(BO_2)_2$	5108	5259	5315	5504			
CaF_2	5810	5817	5882	5910	5912	5941		$CdBr_2$	1110	1247	1366	1382	1383	140	
$CaFeSiO_4$	5692	5696						$CdBr_2$	1431	1457	1458	1465	1478	147	
$CaF_2Na_3AlF_6$	5493							$CdBr_2$	1493	1504	1509	1520	1543	154	
Ca_2GeO_4	6015	6016						$CdBr_2$	1558	1576	1588	1601	1621	162	
CaH_2	3844							$CdBr_2$	1658	1676	1709	1725	1726	173	
CaI_2	3300	4078	4330					$CdBr_2$	1798	1824	1828	1829	1856	186	
$CaKCl_3$	4383							$CdBr_2$	1930	1934	1939	1950	1951	195	
$CaMg(SiO_3)_2$	5769							$CdBr_2$	1981	1999	2012	2060	2067	206	
$CaMgSiO_4$	5845							$CdBr_2$	2107	2118	2141	2150	2199	220	
$CaMoO_4$	3559	3910	4793	4860	4935	5071	5720	$CdBr_2$	2320	2441	2469	3299	6217		
Ca_3N_2	3853	4078	4705					$Cd(C_2H_3O_2)_2$	682	769	881				
$CaNaPO_4$	4197							$CdCl_2$	128	910	984	1016	1111	112	
$CaNb_2O_6$	5805							$CdCl_2$	1272	1285	1286	1317	1325	133	
$Ca(NO_3)_2$	89	107	112	248	257	259	321	$CdCl_2$	1409	1418	1435	1437	1438	144	
$Ca(NO_3)_2$	340	346	388	426	435	520	528	$CdCl_2$	1483	1486	1496	1497	1501	151	
$Ca(NO_3)_2$	535	543	551	552	559	561	609	$CdCl_2$	1524	1539	1599	1649	1650	160	
$Ca(NO_3)_2$	628	629	650	671	671	675	690	$CdCl_2$	1685	1686	1691	1705	1712	171	

ompound	Locator number							Compound	Locator number						
	1747	1752	1775	1791	1795	1810	1822	$CO(NH_2)_2$	241	248	251	256	257	259	260
	1823	1836	1838	1853	1871	1879	1886	$CO(NH_2)_2$	276	281	299	304	329	331	341
	1896	1899	1903	1905	1906	1908	1925	$CO(NH_2)_2$	351	371	426	528			
	1926	1958	1976	1978	1980	1985	2002	CoO	3349	5635	5667	5681	5825	5832	5834
	2026	2053	2057	2065	2075	2078	2079	CoO	5841	5934					
	2081	2086	2094	2102	2133	2135	2139	Co_4S_3	5415						
	2160	2161	2185	2223	2224	2226	2227	Co_2SiO_4	5746						
	2242	2289	2308	2343	2354	2409	2421	$CoSO_4$	2386	2968	3660	4255	4261	4782	
	2439	2465	2466	2476	2521	2533	2578	$CrCl_2$	2417	2430	2472	2620	2628	2646	2652
	2579	2633	2641	2671	2688	2708	2720	$CrCl_2$	2668	2687	2696	2699	2707	3042	3060
	2740	2755	2813	2814	2829	2897	2898	$CrCl_2$	3091	3102	3268	3516	3575	3888	4283
	2899	2900	2915	2916	2938	2939	2945	$CrCl_2$	4759						
	2946	2999	3014	3017	3052	3153	3218	$CrCl_3$	3198	3203	3258	3284	3424	3430	3470
	3219	3222	3230	3255	3266	3299	3332	$CrCl_3$	3471	3535	3536	3537	3538	3539	3540
	6204	6217	6260					$CrCl_3$	3573	3673	3674	3709	3751	3939	4435
	1496	1539	1850	2641	2740	3662	4176	$CrCl_3$	4457	4592	4593	4649	5060	5070	5075
	4263	4293	4547	4711	5296	5308	5417	$CrCl_3$	5082	5122	5152	5160	5169	5195	5214
	5418							$CrCl_3$	5249	6199					
	613	729	730	733	783	786	823	CrF_2	5239						
	845	879	900	984	1044	1248	1358	CrF_3	4477	5168	5239				
	1410	1429	1518	1559	1823	1850	1906	CrO_3	5091	5165					
	1913	1915	1931	2067	2142	2229		Cr_2O_3	4193	4259	5153	5399	5414	5652	5695
$)_4$	3332	5520						Cr_2O_3	5757	5765	5804	5840	5881	5890	5958
$)_2$	171	175	189	275	310	347	378	Cr_2O_3	5963	5964	5972	5995	5996	6007	6018
$)_2$	411	465	475	580	601	658	680	Cr_2O_3	6038	6039	6061	6062	6071	6074	6092
$)_2$	688	689	742	847				Cr_2O_3	6093	6106	6107	6112	6113	6114	6115
	3230	4354	4440	5174	5331	5335	5540	Cr_2O_3	6116	6117	6121	6122	6124	6125	6134
	5642	5659						Cr_2O_3	6137	6146	6147	6159	6164	6166	6167
$)_2$	5080	5086	5092					Cr_2O_3	6170	6173	6179				
$)_7$	5495							$CsAlCl_4$	1592	1652					
$_4)_2$	5295							Cs_3AlF_6	3352	4747	4774	4831	4985	5081	
	2915	2916	3926	5637	5648			$CsBO_2$	3147	3155	3156	3205	3269	3434	3494
	2999	5454	5482	5654				$CsBO_2$	3558	3789	4391				
$_3$	6260							CsBr	277	582	729	1119	1120	1149	1247
	1441	1551	1561	1631	1871	1879	1899	CsBr	1288	1337	1362	1423	1434	1483	1572
	1905	1980	2094	2421	2708	3017	3153	CsBr	1576	1602	1657	1682	1691	1735	1736
	3222	3320	3525	4055	4458	4459		CsBr	1743	1772	1860	1903	1930	1939	1985
	1340	3942	5637	5654				CsBr	1999	2054	2060	2118	2141	2142	2182
	2231	2233	2852	4008	4011	4207	5103	CsBr	2185	2199	2237	2242	2243	2264	2308
	5580							CsBr	2320	2339	2387	2391	2438	2441	2469
	814	1089	1171	1790	1826	1897	1996	CsBr	2492	2511	2522	2601	2608	2635	2644
	2260	2288	2303	2448	2576	2667	2804	CsBr	2650	2766	2849	3074	3156	3431	3432
	2811	2828	2868	2889	2952	2957	3093	CsBr	3434	3475	3504	3524	3553	3561	3594
	3111	3142	3216	3253	3590	3682	3783	CsBr	3609	3656	3670	3677	3686	3788	3809
	3797	3833	3879	3880	3949	4093	4094	CsBr	3834	3835	3866	4256	5278	6261	
	4271	4412	4472					$CsC_2H_3O_2$	185	252	314	333	375	384	429
	3239	4180	4667	4784	4846	4947		$CsC_2H_3O_2$	432	437	459	477	479	501	504
	3368	4446	5371	5451	5895	5896	5902	$CsC_2H_3O_2$	523	536	564	682	732	1049	1153
	6000	6066	6084	6091	6165	6170	6175	$CsC_2H_3O_2$	1178						
	6181							CsCl	133	161	172	370	570	734	830
	5983	6010	6070	6087	6159	6167		CsCl	867	1024	1147	1252	1253	1262	1294
	1804	2212						CsCl	1326	1338	1346	1350	1394	1409	1417
	201	973	1172	1593	1867	1921	1927	CsCl	1437	1448	1457	1460	1469	1490	1499
	1956	1967	2272	2327	2333	2361	2539	CsCl	1541	1564	1571	1592	1596	1597	1603
	2631	2647	2935	2948	2968	3056	3083	CsCl	1624	1628	1637	1680	1686	1707	1745
	3103	3125	3244	3279	3288	3291	3846	CsCl	1746	1763	1776	1797	1818	1821	1822
	4255	4261	4437	4763				CsCl	1836	1853	1854	1856	1923	1926	1928
	6265							CsCl	1941	1968	1978	1993	2002	2004	2005
$_4$	3348	4595	4978					CsCl	2019	2026	2028	2044	2046	2047	2072
	659							CsCl	2076	2091	2150	2164	2190	2206	2228
$_2)_2$	13	111	116	118	120	124	141	CsCl	2289	2310	2311	2321	2323	2339	2343
$_2)_2$	144	155	156	160	163	164	177	CsCl	2402	2407	2408	2411	2416	2433	2440
$_2)_2$	184	204	205	210	212	221	228	CsCl	2442	2467	2471	2476	2497	2520	2538

mpound	Locator number							Compound	Locator number						
	593	596	621	625	712	716	755	GeO_2	4854	4871	4872	5053	5084	5094	5095
	767	775	776	792	883	889	897	GeO_2	5102	5241	5373	5424	5464	5472	5501
	920	925	951	976	991	992	1020	GeO_2	5518	5584	5600	5613	5633	5653	5655
	1055	1057	1071	1135	1143	1169	1215	GeO_2	5656	5666	5676	5679	5699	5739	5741
	1216	1291	1495	1517	1526	1527	1594	GeO_2	5744	5749	5754	5758	5829	5830	5966
	1336	4816	5272					GeO_2	5970	5976	5997	6026	6040	6058	6073
	5272	5401						GeS_2	6240						
	832							GeSe	4012	4099					
	4631							GeTe	3679	4012					
	5414	5652	5674	5677	5678	5680	5698	HF	34	80	113	258	599	1112	
	5705	5707	5759	5773	5774	5783	5804	$HfCl_4$	194	198	413	440	491	533	725
	5826	5837	5838	5861	5984	5985	6074	$HfCl_4$	813	837	870	1133	1167	1192	1527
	6229							$HfCl_4$	1541	1728	3214	3633	3752		
	3349	3607	3723	3818	3989	4521	4531	HfF_4	2202	2297	2298	2894	3201	4426	4988
	4806	5083	5146	5677	5698	5704	5708	HfF_4	4989	5008					
	5750	5767	5776	5784	5792	5793	5795	HfO_2	5731	5752	5854	5894	5936	6072	6118
	5797	5812	5813	5818	5827	5861	5865	HfO_2	6156	6160	6183	6231			
	5869	5876	5877	5878	5890	5924	5938	$HgBr_2$	143	235	510	661	685	740	1123
	6038	6227	6229					$HgBr_2$	1124	1154					
	5866	5895	5934					HgCl	1229						
	2788	3734	4096	4097	4196	4558	5256	$HgCl_2$	134	176	410	470	550	579	750
	5316	5323	5415	5467	5694			$HgCl_2$	803	809	839	850	857	862	884
	5668	5669	6248					$HgCl_2$	890	945	977	1081	1155	1300	1305
$)_3$	2643	3420	3908					$HgCl_2$	1308	1345	1369	1375	1391		
	4758							HgI	1098						
	243	612						HgI_2	216	264	296	325	396	399	410
	357	6262						HgI_2	439	453	454	484	487	495	514
	4655							HgI_2	550	567	571	579	583	858	1098
	148	165	180	214	235	243	277	HgI_2	1107	1197	1198	1205	1212		
	282	364	612	852				HgS	4410						
	125	158	166	229	6262			$HgSO_4$	1154	1155	1198				
	27	46	47	57	58	69	103	H_2O	81	82	86	87	90	91	92
	104	105	121	122	125	127	128	H_2O	102	108	115	129	130	174	178
	132	133	134	138	140	145	150	H_2O	207	222	223	254	267		
	152	153	154	158	159	166	169	$HoCl_3$	2253	2332	2553	3382	4310		
	172	173	176	187	188	190	191	HoF_3	4235	4301	5485	5524			
	192	195	197	199	200	201	202	H_3PO_4	177						
	206	208	242	287	565	631	934	$H_4P_2O_7$	251						
	980	1063	1072	1439	2019			ICl	73	74	79	85			
	278	338	391	397	398	442	512	InAs	3458	5325	6218				
	514	516	517	527	560	589	637	$InBr_3$	147	647	909	914	1185	1290	2212
	741	784	785	786	787	832	833	$InBr_3$	2392						
	899	902	970	985	6220	6221		InCl	494	499	549	681	831	896	910
	4629	5336	5751	5788	5824	5851	5871	InCl	912						
	5880	5905	5919	5938	5979	6230		$InCl_2$	983	1086	1230	2092			
	2714	3738	4873	5006				$InCl_3$	195	197	1040	1115	1268	1270	1271
	4873	5406						$InCl_3$	1308	1343	1356	1456	1594	1626	1627
	4655							$InCl_3$	1724	1942	1965	1991	2003	2093	2162
	4933	4982	5406					$InCl_3$	2163	2306	2354	2720	2829	3073	3103
	3190	4934	5454	5482				$InCl_3$	3343	4623					
	3477	4933	4934	4982	5006			In_2Cl_3	1059	1524					
	4232							InI	540	869	887				
	2130	2147	2857	3217	4488			InI_2	503	659	993	996	1044	1066	1082
	4698	5601	5623	5628	5738			InI_2	1095						
	5861							InI_3	295	296	339	383	390	392	415
	5869	5879	5908	5978	5986	6019	6050	InI_3	431	446	447	515	669	807	845
	6067	6072	6111	6115	6118	6132	6136	InI_3	879	6221					
	6146	6154	6157	6183				In_2O_3	6230						
$)_4)_3$	4603	5711						In_2S_3	1484	4017	4783				
	28	52						InSb	2965						
	3	19	23	27	30	31		InTe	2965						
	391	447						In_2Te_3	3450	3485					
	4630	4643	4677	4678	4792	4807	4830	$In_2(WO_4)_3$	4284	4848					

Compound	Locator number							Compound	Locator number					
$KAlCl_4$	943	1013	1193					KCl	1445	1449	1473	1477	1485	1494
K_3AlF_6	3587	3588	3963	4063	4080	4507	4581	KCl	1503	1513	1525	1528	1565	1584
K_3AlF_6	4736	4972	5081	5173	5268	5426	5436	KCl	1609	1615	1619	1620	1627	1636
K_3AlF_6	5459	5460	5461	5492				KCl	1643	1646	1647	1648	1649	1650
$KAlSiO_4$	5870	5922						KCl	1656	1662	1664	1668	1670	1685
K_2AlSiO_4	5922							KCl	1695	1704	1713	1717	1718	1721
$KAl(SO_4)_2$	254							KCl	1744	1747	1748	1749	1752	1761
$K_2B_4O_7$	5054							KCl	1766	1767	1768	1771	1775	1779
$KBeF_3$	1510	1511	2535	2557				KCl	1791	1792	1802	1803	1809	1810
K_2BeF_4	4047	4430	4668	4721	4748	4849		KCl	1819	1827	1830	1833	1834	1837
K_3BeF_5	4554							KCl	1840	1841	1851	1852	1863	1865
KBF_4	1570	2154	2217	2459	2495	2582	2607	KCl	1868	1869	1870	1871	1875	1876
KBF_4	2769	2860	3210					KCl	1878	1879	1885	1886	1887	1895
KBF_3OH	1570	1673						KCl	1908	1919	1921	1925	1932	1933
KBH_4	3640	3641						KCl	1944	1946	1957	1961	1971	1972
$KBiCl_4$	633	655						KCl	1980	1988	1989	1990	2010	2023
KBO_2	3301	3484	3509	3581	3690	3744	3755	KCl	2028	2029	2030	2031	2032	2047
KBO_2	3779	4010	4095	4618	4625	4723	4771	KCl	2059	2072	2078	2080	2081	2087
KBO_2	4813	4876	4890	5054	5171	5264	5293	KCl	2090	2110	2123	2128	2129	2131
KBO_2	5324	5425						KCl	2148	2149	2153	2157	2158	2173
$K_2B_4O_7$	3605	3759	3826	3907	4022	4034	4241	KCl	2175	2177	2180	2184	2197	2203
$K_2B_4O_7$	4247	4328	4342	4357	4480	4703	4708	KCl	2222	2241	2245	2248	2249	2254
$K_2B_4O_7$	4861	4863	5054	5076				KCl	2260	2261	2262	2263	2272	2274
KBr	155	240	247	282	312	329	685	KCl	2276	2277	2278	2282	2286	2288
KBr	711	844	1149	1247	1273	1314	1328	KCl	2302	2303	2304	2305	2315	2317
KBr	1363	1366	1373	1383	1396	1407	1412	KCl	2322	2327	2328	2342	2352	2353
KBr	1419	1433	1442	1451	1458	1478	1492	KCl	2359	2361	2364	2366	2367	2375
KBr	1493	1505	1509	1520	1521	1536	1546	KCl	2384	2385	2403	2404	2405	2406
KBr	1552	1553	1558	1567	1572	1575	1584	KCl	2417	2424	2428	2431	2437	2449
KBr	1598	1609	1610	1629	1640	1653	1660	KCl	2456	2457	2460	2472	2481	2482
KBr	1663	1679	1688	1733	1734	1751	1757	KCl	2496	2503	2508	2516	2519	2553
KBr	1758	1759	1764	1772	1777	1778	1782	KCl	2559	2567	2568	2592	2594	2596
KBr	1796	1828	1829	1843	1844	1847	1859	KCl	2628	2629	2630	2642	2646	2648
KBr	1882	1883	1888	1912	1962	1984	2036	KCl	2653	2655	2660	2661	2667	2668
KBr	2118	2120	2171	2201	2492	2511	2587	KCl	2670	2678	2687	2696	2699	2706
KBr	2588	2645	2673	2674	2918	2923	2926	KCl	2728	2732	2737	2744	2746	2760
KBr	3030	3059	3176	3260	3265	3341	3355	KCl	2770	2791	2809	2812	2826	2827
KBr	3378	3419	3426	3428	3431	3445	3468	KCl	2847	2857	2888	2904	2905	2917
KBr	3500	3510	3511	3512	3526	3562	3568	KCl	2925	2942	2960	2963	2988	2989
KBr	3609	3627	3775	3790	3800	3873	3972	KCl	3004	3009	3010	3016	3026	3032
KBr	4052	4077	4087	4173	4305	4320	4340	KCl	3036	3040	3046	3051	3054	3057
KBr	4387	4733	4837					KCl	3062	3063	3065	3070	3085	3092
$KCaF_3$	5559							KCl	3111	3121	3122	3126	3128	3130
$KCHO_2$	137	362						KCl	3132	3133	3138	3142	3143	3162
$KC_2H_3O_2$	185	252	305	318	333	459	504	KCl	3172	3174	3183	3184	3189	3193
$KC_2H_3O_2$	547	623	624	630	653	695	800	KCl	3200	3211	3215	3216	3217	3232
$KC_2H_3O_2$	827	848	881	886	1002	1036	1049	KCl	3247	3253	3256	3259	3267	3274
$KC_2H_3O_2$	1062	1073	1103	1110	1140	1163	1165	KCl	3281	3283	3284	3293	3296	3307
$KC_2H_3O_2$	1179	1401						KCl	3322	3329	3330	3342	3356	3363
KCl	139	145	152	154	167	169	178	KCl	3367	3369	3380	3382	3383	3384
KCl	194	222	232	242	245	262	268	KCl	3402	3408	3411	3412	3413	3414
KCl	287	332	334	348	349	368	371	KCl	3429	3467	3470	3489	3493	3498
KCl	379	387	395	424	433	450	626	KCl	3508	3518	3530	3541	3542	3543
KCl	684	696	697	708	710	728	747	KCl	3545	3546	3547	3549	3552	3561
KCl	772	773	774	775	776	777	778	KCl	3579	3580	3583	3587	3588	3592
KCl	802	803	840	870	871	874	894	KCl	3602	3608	3614	3615	3616	3617
KCl	912	916	917	920	925	934	943	KCl	3619	3625	3629	3630	3631	3640
KCl	951	961	980	981	990	992	998	KCl	3655	3657	3669	3682	3683	3684
KCl	1023	1031	1045	1057	1058	1063	1086	KCl	3692	3695	3710	3716	3724	3727
KCl	1100	1108	1109	1113	1114	1133	1134	KCl	3741	3749	3751	3752	3754	3755
KCl	1135	1136	1144	1167	1169	1173	1192	KCl	3764	3765	3768	3773	3774	3776
KCl	1210	1215	1216	1227	1307	1334	1365	KCl	3796	3797	3798	3801	3807	3821
KCl	1371	1381	1388	1389	1399	1402	1436	KCl	3825	3826	3842	3843	3850	3851

Compound	Locator number							Compound	Locator number						
	3859	3862	3863	3879	3882	3899	3900	KF	5513	5544	5550	5585	5625	5629	5631
	3906	3907	3912	3925	3929	3931	3932	KF	5650	6191	6195				
	3945	3963	3964	3968	3996	3997	3999	K_2FeCl_6	1012						
	4000	4006	4014	4020	4023	4024	4025	$KF_2 \cdot K_2NbF_7$	4566						
3	1148	1503	1827					K_3HfF_7	4308	4427	4956	5002	5011	5190	
4	418	676	962	995	1929	2113	6267	K_3HoF_6	4849						
	1450	2807						KH_2PO_4	1144	1207	1388				
3	137	318	401	678	684	692	694	KI	124	241	284	294	295	315	453
3	710	711	728					KI	512	613	692	733	783	823	899
3	87	90	108	304	1069	1580	1710	KI	964	1162	1188	1233	1254	1278	1299
3	1862	1947	1994	2115	2144	2316	2458	KI	1302	1303	1310	1371	1390	1579	1659
3	2604	2659	2674	2675	2701	2778	2815	KI	1671	1672	1684	1815	1901	1914	1931
3	2816	2885	3030	3059	3128	3229	3364	KI	2125	2200	2415	2436	2575	2809	2858
3	3367	3415	3454	3455	3667	3830	3873	KI	2870	2924	2927	2978	2996	3038	3047
3	3931	3945	4025	4066	4417	4462	4470	KI	3257	3526	3554	3604	3627	3694	3716
3	4487	4497	4499	4505	4560	4682	4683	KI	3830						
3	4734	5153	5218	5355	5399	6246		$KI \cdot AlI_3$	745						
)4	520	690	903	1546	1586	1644	1703	KIO_3	2575						
)4	1785	1837	1902	1916	1984	2000	2024	$KMgF_3$	5559						
)4	2116	2267	2404	2645	2799	2874	2983	$KMnF_3$	3339	4590	4969	5024			
)4	3174	3175	3187	3261	3552	3617	4040	K_2MoO_4	1639	2189	2257	2777	2969	2998	3027
)4	4192	4527	4652	4822	4823	4877	4963	K_2MoO_4	3113	3157	3237	3271	3280	3672	3932
)4	4999	5337	5365	5453	5478	6251		K_2MoO_4	4057	4158	4334	4374	4397	4632	4640
O7	1074	1157	1306	1535	1699	1946	1961	K_2MoO_4	4765	4766	4851	4899	4906	4907	4922
O7	1983	2116						K_2MoO_4	4980	5017	5033	5150	5151	5217	5274
	81	853	1112	1368	1378	1475	1498	K_2MoO_4	5299	5429	5433	5453	6252		
	1556	1577	1641	1673	1711	1788	1832	$K_2Mo_4O_{13}$	2778	2816	3229	4683			
	2009	2024	2154	2183	2202	2217	2282	KN_3	722	935					
	2297	2298	2299	2314	2443	2454	2459	K_2NaAlF_6	3412						
	2463	2475	2548	2564	2572	2582	2591	K_3NaF_8	4504						
	2607	2637	2655	2682	2726	2734	2758	$KNbCl_6$	1236	1697					
	2768	2773	2775	2798	2799	2802	2809	K_2NbCl_5	2531	2564	2623	2791	2798	2901	3065
	2817	2839	2840	2844	2860	2874	3030	K_2NbF_7	3927	4069	4151	4211	4234	4260	4304
	3081	3128	3211	3213	3257	3337	3364	K_2NbF_7	4466	4656	4773				
	3375	3411	3412	3414	3421	3423	3429	$KNbOCl_4$	380	1217	1697	1755			
	3439	3453	3466	3467	3511	3530	3564	K_2NbOCl_5	943	952	1013	1170			
	3568	3587	3588	3608	3617	3629	3669	KNH_2	18						
	3706	3714	3725	3750	3764	3772	3773	KNO_2	289	305	313	317	320	327	401
	3794	3814	3819	3891	3959	3960	3961	KNO_2	645	648	683	686	822	892	959
	3962	3969	3980	3981	3993	3996	4015	KNO_2	1007	1028	1034	1048	1070	1080	1125
	4022	4069	4075	4088	4101	4122	4129	KNO_2	1312	1683	2216	2257			
	4130	4140	4153	4158	4183	4205	4211	KNO_3	116	137	184	204	212	248	270
	4234	4246	4247	4269	4295	4304	4306	KNO_3	285	303	310	318	331	341	347
	4309	4314	4374	4388	4403	4417	4419	KNO_3	353	362	373	374	378	388	393
	4426	4427	4429	4430	4452	4461	4462	KNO_3	394	402	403	404	411	418	420
	4463	4470	4471	4474	4476	4479	4484	KNO_3	421	426	436	449	452	457	465
	4487	4496	4497	4498	4499	4505	4536	KNO_3	466	505	519	520	521	522	535
	4546	4547	4548	4568	4569	4579	4587	KNO_3	543	551	552	559	561	574	619
	4613	4616	4627	4656	4664	4665	4667	KNO_3	620	629	641	650	688	690	739
	4668	4672	4674	4687	4691	4694	4703	KNO_3	742	760	798	801	836	848	872
	4707	4708	4720	4730	4735	4739	4741	KNO_3	933	936	958	974	1002	1004	1015
	4742	4744	4765	4766	4768	4773	4791	KNO_3	1021	1035	1038	1060	1062	1075	1088
	4794	4796	4797	4801	4802	4822	4823	KNO_3	1144	1187	1207	1306	1320	1321	1342
	4882	4884	4889	4894	4897	4898	4906	KNO_3	1353	1413	1422	1425	1426	1427	1428
	4907	4920	4922	4925	4940	4943	4952	KNO_3	1454	1475	1498	1503	1562	1586	1613
	4957	4960	4963	4964	4967	4968	4973	KNO_3	1620	1632	1639	1642	1644	1656	1660
	4977	4998	4999	5003	5008	5009	5010	KNO_3	1668	1683	1693	1703	1710	1723	1741
	5011	5012	5013	5014	5016	5021	5023	KNO_3	1754	1760	1777	1778	6267	6270	
	5025	5043	5047	5048	5049	5052	5057	KO_2	2675						
	5058	5069	5074	5093	5130	5133	5173	K_2O	2230	3689	3778	3937	3986	4035	4530
	5186	5187	5194	5203	5224	5252	5260	K_2O	4677	4812	4815	4866	4992	5029	5038
	5265	5266	5273	5281	5303	5308	5318	K_2O	5042	5062	5064	5073	5090	5094	5121
	5330	5332	5333	5345	5357	5367	5384	K_2O	5247	5282	5527	5537	5584	5614	5700

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	
Li_2O	5035	5398	5450	5464	5472	5545	5554	$MgCl_2$	222	242	267	934	1031	1063	
Li_2O	5590	5597	5598	5600	5602	5603	5604	$MgCl_2$	1805	1911	1922	2030	2031	2131	
Li_2O	5608	5633	5679	5771				$MgCl_2$	2158	2175	2184	2197	2203	2241	
LiOH	430	461	462	562	646	795	903	$MgCl_2$	2249	2254	2260	2262	2263	2275	
LiOH	986	1000	1069	1091	1096	1100	1108	$MgCl_2$	2287	2288	2303	2304	2355	2359	
LiOH	1122	1166	1183	1287	1292	1327	1348	$MgCl_2$	2384	2390	2405	2412	2431	2437	
LiOH	1351	1355	1381	1389	1399	1402	1452	$MgCl_2$	2464	2496	2518	2537	2559	2585	
LiOH	1580	1638	1785	1862	1918	1994	2000	$MgCl_2$	2594	2653	2670	2689	2706	2760	
LiOH	2363	2381	2396	2470	2527			$MgCl_2$	2991	3011	3061	3079	3106	3186	
$LiPO_3$	2603	2658	2722	3223	3334	3433	3858	$MgCl_2$	3248	3287	3296	3343	3366	3391	
$LiPO_3$	5385							$MgCl_2$	3473	3506	3737	3810	3911	3917	
Li_3PO_4	3690	4113	4813	4890	5040	5143	5162	$MgCl_2$	3971	3978	4062	4135	4175	4191	
Li_3PO_4	5234							$MgCl_2$	4244	4271	4333	4365	4467	4759	
$Li_4P_2O_7$	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	
$Li_4P_2O_7$	5561							MgF_2	4144	4216	4373	4402	4475	4484	
Li_2S	5316							MgF_2	4588	4647	4740	4840	4886	4887	
Li_2SiO_3	4912	4913	4926	4976	5269	5284	5490	MgF_2	4919	5051	5052	5068	5133	5142	
Li_2SiO_3	5538	5542	5547	5548	5617	6236		MgF_2	5238	5358	5392	5428	5437	5438	
Li_2SO_4	1186	1242	1411	1440	1447	1462	1585	MgF_2	5458	5496	5497	5510	5511	5544	
Li_2SO_4	1687	1707	1708	1732	1781	2356	2368	MgF_2	5558	5563	5577	5585	5644	5670	
Li_2SO_4	2428	2478	2485	2539	2560	2567	2568	MgF_2	5716	5724	5725	5726	5732	5733	
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	
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	
Li_2SO_4	3805	3829	3867	3868	3905	3920	3987	MgO	5687	5706	5714	5716	5717	5725	
Li_2SO_4	4009	4028	4056	4224	4316	4366	4421	MgO	5732	5733	5740	5761	5766	5780	
Li_2SO_4	4469	4490	4559	4575	4599	4624	4639	MgO	5796	5800	5802	5806	5811	5819	
Li_2SO_4	4651	4680	4754	4789	4844	4864	4914	MgO	5852	5872	5891	5894	5915	5919	
Li_2SO_4	4950	4986	5294	5439	6244			MgO	5937	5939	5951	5952	5979	5989	
Li_2TiF_6	2529	2662	2734	3082	3705	4088	4205	MgO	6024	6025	6032	6035	6038	6052	
Li_2TiF_6	4245	4269	4653	4900	5004	5346	5356	MgO	6077	6086	6089	6094	6095	6096	
Li_2TiF_6	5445							MgO	6099	6100	6101	6103	6108	6109	
$LiTiO_2$	6235							MgO	6121	6123	6127	6128	6129	6130	
Li_2UCl_6	1232	1283						MgO	6139	6143	6149	6150	6165	6166	
$LiVO_3$	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	
$LiYb(WO_4)_2$	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	
$MgAlCrO_4$	5940							$MnCl_2$	2157	2205	2301	2305	2344	2366	
$MgAl_2O_4$	5847	5901	5953	5971	6027	6034	6051	$MnCl_2$	2425	2490	2503	2508	2519	2554	
$Mg(BO_2)_2$	5315	5452	5505					$MnCl_2$	2599	2738	2890	2892	2906	2950	
$MgBr_2$	1751	1759	2398	2400				$MnCl_2$	3053	3066	3112	3350	3531	3638	
$Mg(CHO_2)_2$	1245							$MnCl_2$	4175	4283					

ompound	Locator number							Compound	Locator number						
	2500	2718	3066	3375	3451	3465	3531	NaBr	2601	2608	2635	2650	2692	2693	2762
	3680	3785	3889	3892	4037	4083	4178	NaBr	2766	2795	2797	2801	2864	2865	2867
	4344	4393	4537	4589	4616	4637	4669	NaBr	2918	2919	2971	2972	3005	3018	3028
	4731	4845	4858	4894	5181	5186	6265	NaBr	3037	3278	3306	3358	3510	3702	3730
	6266							NaBr	3739	3801	3836	3869	3972	4077	4109
	1095							NaBr	4126	4351	4715	4819	4820		
O_4	4236							$NaCHO_2$	1245						
	3723	5656	5718	5722	5730	5737	5745	$NaC_2H_3O_2$	252	375	529	538	547	554	577
	5753	5772	5887	5899	5900	6001	6004	$NaC_2H_3O_2$	602	623	624	630	639	653	768
$_3$	5730	5745	5772	6227				$NaC_2H_3O_2$	812	851	908	911	1004	1009	1050
$_4$	5902							$NaC_2H_3O_2$	1093	1103	1110	1140	1179	1182	1258
$O_3)_2$	3858							$NaC_2H_3O_2$	1260	1465					
	5737	5897						$NaC_3H_7O_2$	1017	1018	1064				
	5897							NaCl	82	126	132	150	167	168	178
$_4$	3565	4143	4453					NaCl	198	209	210	222	244	245	249
O_3	5787							NaCl	262	263	268	283	319	322	323
	6184							NaCl	328	343	350	351	367	406	416
	4411							NaCl	424	440	441	471	480	491	497
	2796	3289	3653	4200	4544			NaCl	498	506	507	508	531	546	548
	159	168	239	408	498	506	706	NaCl	558	568	569	581	586	596	606
	738	790	849					NaCl	621	625	678	694	772	808	814
	76							NaCl	815	824	840	874	877	878	950
	2143	2189	2583	2626	2752	2753	2777	NaCl	973	979	990	1029	1032	1045	1056
	3000	3006	3080	3107	3113	3207	3443	NaCl	1087	1133	1191	1196	1218	1220	1268
	3476	3501	3644	3731	3742	3747	3804	NaCl	1300	1305	1331	1332	1343	1372	1380
	3883	3884	3919	3935	3953	4053	4068	NaCl	1393	1395	1410	1435	1445	1449	1453
	4100	4236	4278	4282	4335	4355	4409	NaCl	1463	1491	1494	1502	1538	1542	1590
	4441	4446	4612	4631	4644	4688	4793	NaCl	1607	1611	1626	1681	1700	1728	1731
	4881	4901	4909	4993	5063	5101	5145	NaCl	1738	1739	1740	1748	1765	1773	1790
	5434	5463	5473	5557	5560			NaCl	1796	1800	1810	1814	1816	1823	1826
l_4	101							NaCl	1834	1835	1842	1846	1851	1863	1874
	1010							NaCl	1886	1892	1896	1897	1898	1899	1905
l_4	363	407	412	481	502	509	524	NaCl	1909	1924	1940	1942	1943	1956	1966
l_4	532	544	545					NaCl	1967	1968	1969	1970	1971	1972	1979
F_6	4063	4267	4268	4424	4546	4567	4582	NaCl	1988	1996	1997	2001	2017	2018	2021
F_6	4663	4709	4710	4713	4729	4747	4774	NaCl	2026	2027	2034	2045	2048	2052	2057
F_6	4800	4829	4831	4832	4833	4853	4856	NaCl	2058	2074	2079	2080	2087	2088	2089
F_6	4921	5119	5134	5135	5137	5204	5205	NaCl	2100	2102	2106	2117	2119	2124	2130
F_6	5253	5265	5268	5279	5280	5307	5343	NaCl	2131	2132	2139	2140	2145	2147	2148
F_6	5359	5371	5378	5379	5391	5398	5407	NaCl	2153	2157	2182	2195	2208	2219	2220
F_6	5410	5421	5423	5426	5436	5458	5459	NaCl	2240	2246	2247	2253	2258	2259	2270
F_6	5460	5461	5479	5491	5492	5512	5529	NaCl	2271	2287	2293	2301	2309	2317	2321
F_6	5533	5540	5541	5543				NaCl	2325	2332	2336	2343	2344	2345	2356
O_2	5933							NaCl	2364	2365	2382	2383	2386	2393	2407
Si_3O_8	5298							NaCl	2411	2414	2416	2417	2418	2419	2422
F_4	3069	4803						NaCl	2430	2432	2440	2446	2447	2448	2449
F_3	1330							NaCl	2456	2464	2472	2476	2479	2481	2515
$_4$	1548	1694	2062	2064				NaCl	2516	2517	2518	2532	2536	2544	2551
$_4$	12	44	45	2122				NaCl	2552	2569	2571	2576	2580	2592	2594
l_4	600	763	860					NaCl	2595	2600	2619	2625	2627	2640	2642
$_2$	1279	2635	3156	3704	3789	3808	3809	NaCl	2643	2656	2667	2698	2706	2708	2728
$_2$	3943	3973	4043	4113	4210	4233	4357	NaCl	2732	2737	2743	2744	2745	2759	2786
$_2$	4362	4527	4715	4855	4939	4945	5040	NaCl	2787	2793	2796	2800	2804	2811	2823
$_2$	5264	5440						NaCl	2824	2825	2843	2850	2851	2856	2862
$_4O_7$	3644	3645	3826	3845	3907	4034	4273	NaCl	2868	2875	2881	2889	2891	2902	2903
$_4O_7$	4292	4328	4342	4357	4434	4454	4524	NaCl	2907	2917	2942	2952	2956	2957	2963
$_4O_7$	4527	4551	4693	4724	4772	4855	5451	NaCl	2969	2975	2978	2979	2982	2988	2989
	155	156	274	909	957	1123	1274	NaCl	2996	3001	3002	3010	3021	3026	3035
	1277	1314	1382	1405	1434	1458	1466	NaCl	3040	3044	3046	3048	3051	3054	3092
	1489	1552	1578	1654	1657	1688	1689	NaCl	3100	3101	3110	3120	3121	3129	3135
	1690	1725	1758	1820	1907	1930	1951	NaCl	3136	3137	3138	3139	3142	3143	3144
	1952	1953	1981	2141	2264	2370	2378	NaCl	3154	3155	3161	3165	3174	3175	3178
	2398	2400	2492	2511	2540	2542	2570	NaCl	3187	3189	3192	3193	3194	3198	3200

Compound	Locator number							Compound	Locator number						
NdF_3	3961	3962	4821	5755				$PbCl_2$	2310	2311	2318	2319	2321	2322	2
Nd_2O_3	3733	4524	5421	5611	5948	5961	5973	$PbCl_2$	2333	2375	2390	2408	2451	2461	2
Nd_2O_3	6032	6116	6137	6140	6225			$PbCl_2$	2524	2545	2549	2573	2586	2615	2
NdOCl	3978							$PbCl_2$	2690	2719	2724	2730	3146	3340	4
$Nd_4(SiO_4)_3$	5998							$PbCl_2$	5488	6201	6207	6211	6212		
$Nd(WO_4)_3$	5170							$PbCrO_4$	1365	2083	2981	3098	3592	3825	3
$Nd_2(WO_4)_3$	4489	4605	6255	6257				$PbCrO_4$	4147	4358	5209	5262			
NH_3	12	13	16	17	18	44	45	Pb_2CrO_5	4070						
NH_4Br	16	510						PbF_2	1845	2051	2218	2300	2443	2444	2
NH_4Cl	118	140	299	449	451	470	718	PbF_2	2549	2591	2615	2637	2639	2686	2
NH_4Cl	726	780	804	810	819	826	862	PbF_2	2741	2781	2821	2855	2879	2896	3
NH_4Cl	890	898	1014	1071	1072	1099	1128	PbF_2	3099	3169	3294	3340	3348	3349	3
NH_4Cl	1143	1199	1208	1316	1317	1324	1325	PbF_2	3723	3726	3818	3820	4423		
NH_4Cl	1599							PbI_2	515	733	787	1082	1107	1248	
$NH_4H_2PO_4$	451	505	819	836				PbI_2	1275	1276	1334	1358	1370	1371	
NH_4HSO_4	2014	2172						PbI_2	1505	1566	1567	1571	1573	1595	
NH_4I	250	337	399					PbI_2	1672	1684	1706	1709	1714	1731	
NH_4NO_3	17	91	111	116	118	120	129	PbI_2	1783	1799	1807	1815	1842	1901	
NH_4NO_3	171	175	189	211	253	300	307	PbI_2	1913	1979	2034	2046	2051	2070	2
NH_4NO_3	321	335	340	346	374	393	394	PbI_2	2152	2410					
NH_4NO_3	409	448	449	451	505	615	619	$PbMoO_4$	3860	3922	4148	4355	4932	5033	5
NH_4NO_3	620							$PbMoO_4$	5150	5285	5528	5605	5612	6259	
$NiBr_2$	2392							Pb_2MoO_5	4327						
$NiCl_2$	2697	3425	3701	3898	3905	4167	4376	$Pb(NO_3)_2$	162	448	753	930	987	1038	
$NiCl_2$	4437	4763						$Pb(NO_3)_2$	1349						
NiF_2	5130	5380	5532	5650	6266			PbO	2178	2188	2231	2233	2268	2388	2
$NiFe_2O_3$	4930	5123	5405	5481	5546			PbO	2712	2753	2790	2855	2909	3006	3
NiI_2	833							PbO	3160	3233	3234	3476	3687	3718	3
$Ni(NO_3)_2$	91							PbO	3743	3758	3804	3914	3919	4008	4
NiO	5747	5785	5799	5855	5886	5924	5935	PbO	4053	4282	4439	4440	4441	4443	4
NiO	5955	5956						PbO	4521	4552	4597	4598	4612	4629	4
NiSb	5435							PbO	4643	4675	4678	4690	4728	4737	4
Ni_2SiO_4	5835							PbO	4767	4792	4806	4807	4830	4854	4
$NiSO_4$	2907	3697	5061					PbO	4872	4901	4929	4938	4955	4979	4
Ni_2SO_4	3701							PbO	5030	5091	5101	5103	5124	5129	5
N_2O	1							PbO	5174	5209	5226	5242	5243	5271	5
N_2O_4	51							PbO	5327	5336	5361	5434	5465	5473	5
NpF_4	1256							PbO	5503	5580	5682	5734			
$Pb(BO_2)_2$	2231	2233	3941	4008	4011			$Pb(PO_3)_2$	3064	3837					
$PbBr_2$	946	954	1124	1248	1274	1275	1276	$Pb_2P_2O_7$	4930	5405					
$PbBr_2$	1359	1360	1366	1373	1382	1383	1396	$Pb_3(PO_4)_2$	3940	4423	5481	5546			
$PbBr_2$	1397	1433	1434	1479	1480	1493	1504	PBr_3	33						
$PbBr_2$	1543	1545	1552	1572	1575	1578	1579	PBr_5	88						
$PbBr_2$	1610	1629	1637	1659	1675	1682	1689	PbS	1177	2106	2395	2461	2524	2545	2
$PbBr_2$	1690	1702	1733	1734	1758	1764	1772	PbS	3104	3734	4097	4410	4808	5256	5
$PbBr_2$	1795	1798	1820	1845	1847	1859	1872	PbS	5350	5435	5564	5646	5648		
$PbBr_2$	1882	1883	1888	1962	2033	2036	2264	PbSe	4099	4281	4979	5646			
$PbBr_2$	2538	2644	3169					$PbSiO_3$	4757	5606					
$PbCl_2$	755	767	817	981	1003	1046	1054	Pb_2SiO_4	4070	4327	4534				
$PbCl_2$	1109	1195	1284	1334	1361	1370	1391	$PbSO_4$	2218	2300	2311	2443	2444	2445	2
$PbCl_2$	1418	1420	1455	1461	1476	1566	1582	$PbSO_4$	2690	2730	2821	2974	3067	3097	3
$PbCl_2$	1591	1595	1608	1614	1648	1649	1650	$PbSO_4$	3146	3150	3228	3396	3495	3577	3
$PbCl_2$	1669	1670	1681	1701	1704	1706	1718	$PbSO_4$	3648	3688	3735	4028	4056	4525	4
$PbCl_2$	1720	1722	1730	1731	1740	1747	1750	$PbSO_4$	4708	4910	5089	5113	5226	5242	5
$PbCl_2$	1752	1780	1783	1791	1805	1816	1842	$PbSO_4$	5382	5502	5503	5528	5571	5573	5
$PbCl_2$	1865	1874	1878	1895	1919	1925	1926	PbTe	2070	2152	3578	5350			
$PbCl_2$	1938	1950	1959	1968	1976	1977	1988	$PbTeO_3$	2909	5243	5271				
$PbCl_2$	1993	1997	1998	2003	2011	2033	2047	$PbTiO_3$	4980	5087	5151	5191	5281	5552	
$PbCl_2$	2048	2050	2058	2065	2066	2072	2075	$Pb_3(VO_4)_2$	2724	4712	4852	5488			
$PbCl_2$	2086	2100	2105	2106	2126	2127	2129	$PbWO_4$	3770	4542	4654	4761	4950	4981	
$PbCl_2$	2134	2153	2155	2156	2162	2174	2178	$PbWO_4$	5079	5088	5089	5114	5185	5233	
$PbCl_2$	2192	2195	2198	2205	2220	2222	2225	$PbWO_4$	5275	5309	5326	5466	5571	5573	
$PbCl_2$	2240	2243	2255	2256	2289	2296	2302	Pb_2WO_5	4534						

Compound	Locator number							Compound	Locator number						
	6063	6083	6090	6131	6133	6142	6152	$TiCl_2$	2960	3105	3232	3307	3402	3579	3675
	6161	6169	6171	6176				$TiCl_2$	3766	3807	4004	4014	4024	4102	4804
$)_3$	5703	5769	5790	5828	5853			$TiCl_2$	4995	5139					
O_4	6250							$TiCl_3$	708	2030	2031	2263	2556	2619	2660
$)_4$	3050	3095	3344	3474	3829	3904	3920	$TiCl_3$	2960	3105	3170	3184	3292	3319	3345
$)_4$	3938	3957	4366	4421	4549	4859	4914	$TiCl_3$	3408	3521	3569	3661	3695	3807	3823
$)_4$	4991	5184	5287	5539				$TiCl_3$	4014	4254	4298	4370	4375	4385	4404
$)_3)_2$	3191	3856	4114					$TiCl_3$	4436	4464	4518				
$)_6$	4103	4199						$TiCl_4$	7	9	10	31	32	35	46
$)_4$	4445	4576	6254	6255	6256	6257		$TiCl_4$	48	49	61	63	64	67	227
3	1056	1113	1346	1514	3046	3070	3354	$TiCl_4$	233	238	246	255	261	271	273
3	3664							$TiCl_4$	279	280	286	288	291	308	309
4	1023	1253	1331	1403	3665	3871		$TiCl_4$	345	6200	6209	6215			
5	63	74	98	209	233	261	279	TiF_4	1641	2314	3706	4015	4140	4687	4882
5	308	336	363	370	389	508	595	TiO	5742	5760	5867	6235			
5	607	627	696	719	765	772	774	TiO_2	2833	3075	3129	3652	3718	4174	4439
5	777	779	867	897	952	961	968	TiO_2	4456	4522	4679	4814	5018	5078	5100
5	978	1005	1014	1199	1357	1818	1973	TiO_2	5104	5105	5132	5197	5208	5215	5219
5	2080	2467	6207	6212	6213	6215	6216	TiO_2	5229	5230	5231	5254	5255	5270	5300
	4569	4742						TiO_2	5305	5328	5353	5359	5455	5483	5530
$_5$	3533	4741	5303	5775	5920	5982	5988	TiO_2	5533	5562	5568	5591	5608	5729	5734
$_5$	6006	6013	6033					TiO_2	5756	5759	5771	5777	5778	5779	5783
3	2045	2630	2905	4270				TiO_2	5808	5826	5838	5859	5860	5862	5868
	4562	5570						TiO_2	5875	5896	5908	5914	5917	5918	5937
$Mo_4)_3$	4450	5662						TiO_2	5939	5945	5946	5960	5996	6014	6037
$WO_4)_3$	5177	5663						TiO_2	6060	6061	6063	6098			
	764							Ti_2O_3	5968						
4	230	913	927	1083	1185	1322	1323	Ti_3O	5950						
4	1531	1804	1824	1893	2340			Tl_9BiTe_6	2961	3272					
4	8	22	23	39	53	66	71	TlBr	364	471	647	661	740	801	843
4	73	121	224	244	328	343	361	TlBr	852	866	1068	1090	1329	1405	1409
4	406	407	524	558	677	918	926	TlBr	1457	1478	1479	1483	1486	1504	1543
4	927	973	1003	1016	1052	1083	1323	TlBr	1545	1576	1578	1588	1601	1628	1686
4	2007							TlBr	1691	1723	1725	1736	1741	1778	1813
	741	764	926	927	1224	1313	1322	TlBr	1820	1822	1856	1859	1860	1872	1903
	1323							TlBr	1939	1978	1985	2012	2036	2037	2077
	1840	2167	2250	2251	2312	2450	2581	TlBr	2103	2107	2135	2150	2164	2329	2346
	2663	2679	2920	3160	3323	3607	3756	TlBr	2376	2505	2540	2587	2588	2609	
	3989	4201	4400	4531				$TlBr_4$	2340						
4	1664	1700	1701	1722	1738	1739	1740	TlCl	594	636	757	809	817	820	839
4	1749	1750	1767	1773	1790	1802	1814	TlCl	855	863	876	918	921	937	945
4	1816	1826	1830	1835	1846	1865	1892	TlCl	977	982	989	1006	1039	1055	1221
4	1895	1897	1919	1924	1943	2010	2023	TlCl	1230	1238	1251	1270	1272	1291	1357
4	2042	2059	2096	2097	2126	2128	2129	TlCl	1361	1392	1431	1435	1437	1438	1439
4	2140	2177	2180	2187	2213	2238	2277	TlCl	1441	1456	1501	1515	1518	1529	1534
4	2284	2315	2403	2418	2419	2420	2520	TlCl	1551	1562	1583	1618	1630	1631	1633
4	2598	2610	3004	3045	3392	3417	3505	TlCl	1705	1708	1719	1732	1756	1769	1781
4	3515	3899	3929	3966	4020	4029	4094	TlCl	1794	1811	1836	1839	1853	1855	1866
	1415	1645	1891	1935	2932	2984	3079	TlCl	1874	1896	1900	1904	1911	1920	1922
	3106	3117	3346	3373	3409	3438	3452	TlCl	1945	1959	1975	1977	1986	1997	1998
	3463	3466	3506	3848	3878	3890	3917	TlCl	2002	2007	2028	2050	2054	2057	2058
	3968	4141	4152	4198	4288	4295	4314	TlCl	2082	2091	2092	2093	2094	2112	2127
	4315	4512	4533	4536	4548	4585	4608	TlCl	2133	2160	2161	2163	2227	2246	2247
	4622	4626	4702	4727	4760	4884	4918	TlCl	2256	2259	2279	2285	2295	2307	2329
	4924	4940	4994	5044	5131	5175	5210	TlCl	2330	2346	2353	2362	2368	2377	2413
	5263	5292	5301	5318	5332	5357	5367	TlCl	2599	2754	4134	4150	6214		
	5513	5550	5583					$TlCl_3$	1945						
2	1698	5883	5946	5974	5975	6153	6158	Tl_2CO_3	919	997	1001				
2	6162							TlF	1256	1415	1623				
2	3523	3553	4966	5278				TlI	392	516	583	915	953	970	984
3	3500	3513	3594	3677	3757	3872	4052	TlI	1272	1333	1529	1573	1630	1633	1666
3	4256							TlI	1667	1672	1684	1714	1797	1799	1815
4	62	75	196	3788	4067	4448		TlI	1954	2084	2125	2138	2151	2170	2181

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