

INTERNATIONAL UNION OF PURE AND APPLIED CHEMISTRY

ANALYTICAL CHEMISTRY DIVISION
COMMISSION ON SOLUBILITY DATA

SOLUBILITY DATA SERIES

Volume 19

**CUMULATIVE INDEX
VOLUMES 1-18**

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Editor-in-Chief
A. S. KERTES

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CUMULATIVE INDEX VOLUMES 1-18

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FOREWORD

*If the knowledge is
undigested or simply wrong,
more is not better*

How to communicate and disseminate numerical data effectively in chemical science and technology has been a problem of serious and growing concern to IUPAC, the International Union of Pure and Applied Chemistry, for the last two decades. The steadily expanding volume of numerical information, the formulation of new interdisciplinary areas in which chemistry is a partner, and the links between these and existing traditional subdisciplines in chemistry, along with an increasing number of users, have been considered as urgent aspects of the information problem in general, and of the numerical data problem in particular.

Among the several numerical data projects initiated and operated by various IUPAC commissions, the *Solubility Data Project* is probably one of the most ambitious ones. It is concerned with preparing a comprehensive critical compilation of data on solubilities in all physical systems, of gases, liquids and solids. Both the basic and applied branches of almost all scientific disciplines require a knowledge of solubilities as a function of solvent, temperature and pressure. Solubility data are basic to the fundamental understanding of processes relevant to agronomy, biology, chemistry, geology and oceanography, medicine and pharmacology, and metallurgy and materials science. Knowledge of solubility is very frequently of great importance to such diverse practical applications as drug dosage and drug solubility in biological fluids, anesthesiology, corrosion by dissolution of metals, properties of glasses, ceramics, concretes and coatings, phase relations in the formation of minerals and alloys, the deposits of minerals and radioactive fission products from ocean waters, the composition of ground waters, and the requirements of oxygen and other gases in life support systems.

The widespread relevance of solubility data to many branches and disciplines of science, medicine, technology and engineering, and the difficulty of recovering solubility data from the literature, lead to the proliferation of published data in an ever increasing number of scientific and technical primary sources. The sheer volume of data has overcome the capacity of the classical secondary and tertiary services to respond effectively.

While the proportion of secondary services of the review article type is generally increasing due to the rapid growth of all forms of primary literature, the review articles become more limited in scope, more specialized. The disturbing phenomenon is that in some disciplines, certainly in chemistry, authors are reluctant to treat even those limited-in-scope reviews exhaustively. There is a trend to preselect the literature, sometimes under the pretext of reducing it to manageable size. The crucial problem with such preselection - as far as numerical data are concerned - is that there is no indication as to whether the material was excluded by design or by a less than thorough literature search. We are equally concerned that most current secondary sources, critical in character as they may be, give scant attention to numerical data.

On the other hand, tertiary sources - handbooks, reference books and other tabulated and graphical compilations - as they exist today are comprehensive but, as a rule, uncritical. They usually attempt to cover whole disciplines, and thus obviously are superficial in treatment. Since they command a wide market, we believe that their service to the advancement of science is at least questionable. Additionally, the change which is taking place in the generation of new and diversified numerical data, and the rate at which this is done, is not reflected in an increased third-level service. The emergence of new tertiary literature sources does not parallel the shift that has occurred in the primary literature.

With the status of current secondary and tertiary services being as briefly stated above, the innovative approach of the *Solubility Data Project* is that its compilation and critical evaluation work involve consolidation and reprocessing services when both activities are based on intellectual and scholarly reworking of information from primary sources. It comprises compact compilation, rationalization and simplification, and the fitting of isolated numerical data into a critically evaluated general framework.

The *Solubility Data Project* has developed a mechanism which involves a number of innovations in exploiting the literature fully, and which contains new elements of a more imaginative approach for transfer of reliable information from primary to secondary/tertiary sources. *The fundamental trend of the Solubility Data Project is toward integration of secondary and tertiary services with the objective of producing in-depth critical analysis and evaluation which are characteristic to secondary services, in a scope as broad as conventional tertiary services.*

Fundamental to the philosophy of the project is the recognition that the basic element of strength is the active participation of career scientists in it. Consolidating primary data, producing a truly critically-evaluated set of numerical data, and synthesizing data in a meaningful relationship are demands considered worthy of the efforts of top scientists. Career scientists, who themselves contribute to science by their involvement in active scientific research, are the backbone of the project. The scholarly work is commissioned to recognized authorities, involving a process of careful selection in the best tradition of IUPAC. This selection in turn is the key to the quality of the output. These top experts are expected to view their specific topics dispassionately, paying equal attention to their own contributions and to those of their peers. They digest literature data into a coherent story by weeding out what is wrong from what is believed to be right. To fulfill this task, the evaluator must cover all relevant open literature. No reference is excluded by design and every effort is made to detect every bit of relevant primary source. Poor quality or wrong data are mentioned and explicitly disqualified as such. In fact, it is only when the reliable data are presented alongside the unreliable data that proper justice can be done. The user is bound to have incomparably more confidence in a succinct evaluative commentary and a comprehensive review with a complete bibliography to both good and poor data.

It is the standard practice that the treatment of any given solute-solvent system consists of two essential parts: I. Critical Evaluation and Recommended Values, and II. Compiled Data Sheets.

The Critical Evaluation part gives the following information:

- (i) a verbal text of evaluation which discusses the numerical solubility information appearing in the primary sources located in the literature. The evaluation text concerns primarily the quality of data after consideration of the purity of the materials and their characterization, the experimental method employed and the uncertainties in control of physical parameters, the reproducibility of the data, the agreement of the worker's results on accepted test systems with standard values, and finally, the fitting of data, with suitable statistical tests, to mathematical functions;
- (ii) a set of recommended numerical data. Whenever possible, the set of recommended data includes weighted average and standard deviations, and a set of smoothing equations derived from the experimental data endorsed by the evaluator;
- (iii) a graphical plot of recommended data.

The Compilation part consists of data sheets of the best experimental data in the primary literature. Generally speaking, such independent data sheets are given only to the best and endorsed data covering the known range of experimental parameters. Data sheets based on primary sources where the data are of a lower precision are given only when no better data are available. Experimental data with a precision poorer than considered acceptable are reproduced in the form of data sheets when they are the only known data for a particular system. Such data are considered to be still suitable for some applications, and their presence in the compilation should alert researchers to areas that need more work.

The typical data sheet carries the following information:

- (i) components - definition of the system - their names, formulas and Chemical Abstracts registry numbers;
- (ii) reference to the primary source where the numerical information is reported. In cases when the primary source is a less common periodical or a report document, published though of limited availability, abstract references are also given;
- (iii) experimental variables;
- (iv) identification of the compiler;
- (v) experimental values as they appear in the primary source. Whenever available, the data may be given both in tabular and graphical form. If auxiliary information is available, the experimental data are converted also to SI units by the compiler.

Under the general heading of Auxiliary Information, the essential experimental details are summarized:

- (vi) experimental method used for the generation of data;
- (vii) type of apparatus and procedure employed;
- (viii) source and purity of materials;
- (ix) estimated error;
- (x) references relevant to the generation of experimental data as cited in the primary source.

This new approach to numerical data presentation, formulated at the initiation of the project and perfected as experience has accumulated, has been strongly influenced by the diversity of background of those whom we are supposed to serve. We thus deemed it right to preface the evaluation/compilation sheets in each volume with a detailed discussion of the principles of the accurate determination of relevant solubility data and related thermodynamic information.

Finally, the role of education is more than corollary to the efforts we are seeking. The scientific standards advocated here are necessary to strengthen science and technology, and should be regarded as a major effort in the training and formation of the next generation of scientists and engineers. Specifically, we believe that there is going to be an impact of our project on scientific-communication practices. The quality of consolidation adopted by this program offers down-to-earth guidelines, concrete examples which are bound to make primary publication services more responsive than ever before to the needs of users. The self-regulatory message to scientists of the early 1970s to refrain from unnecessary publication has not achieved much. A good fraction of the literature is still cluttered with poor-quality articles. The Weinberg report (in 'Reader in Science Information', ed. J. Sherrod and A. Hodina, Microcard Editions Books, Indian Head, Inc., 1973, p. 292) states that 'admonition to authors to restrain themselves from premature, unnecessary publication can have little effect unless the climate of the entire technical and scholarly community encourages restraint...' We think that projects of this kind translate the climate into operational terms by exerting pressure on authors to avoid submitting low-grade material. The type of our output, we hope, will encourage attention to quality as authors will increasingly realize that their work will not be suited for permanent retrievability unless it meets the standards adopted in this project. It should help to dispel confusion in the minds of many authors of what represents a permanently useful bit of information of an archival value, and what does not.

If we succeed in that aim, even partially, we have then done our share in protecting the scientific community from unwanted and irrelevant, wrong numerical information.

A. S. Kertes

PREFACE

This CUMULATIVE INDEX for the first eighteen volumes of the Solubility Data Series has been produced in the hope that it will enable workers to locate data for a system of interest together with data on closely related systems without the necessity of consulting several indexes of individual volumes.

Further cumulative indexes will be issued after a reasonable number of additional volumes in the series have been published. Publication of a COMPREHENSIVE CUMULATIVE INDEX is planned at the end of the complete series of some 100 volumes. The editor would welcome comments on any aspects of the present cumulative index.

The index consists of three sections: a System Index, an Author Index and a *Chemical Abstracts* Registry Number Index. The system index is arranged in a similar manner to the system indexes in individual volumes. Page numbers preceded by E refer to evaluation text whereas those not preceded by E refer to compiled tables. In general, compounds are listed as in *Chemical Abstracts*: for example toluene is listed as Benzene, methyl-; and dimethyl sulfoxide is listed as Methane, sulfinylbis-. Gas-liquid systems are listed by solvent. Solid-liquid systems are listed under the solid but not usually under the solvent as well. Liquid-liquid systems appear only in Volume 15 and are listed under the alcohol, not under water.

I am indebted to members of the Commission on Solubility Data and editors of the individual volumes for suggestions and their help in checking parts of the indexes. The help of Jane Chipperfield and James Young in production of the index is gratefully acknowledged.

Melbourne
February 1985

COLIN YOUNG

SYSTEM INDEX

Page numbers preceded by E refer to evaluation text whereas those not preceded by e refer to compiled tables. In general compounds are indexed as listed in Chemical Abstracts; for example toluene is listed as Benzene, methyl- and dimethylsulfoxide is listed as Methane, sulfinylbis-. Gas-liquid systems are listed by solvent. Solid-liquid systems are listed under the solid but not usually under the solvent as well. Liquid-liquid systems appear only in volume 15 and are listed under the alcohol not under water.

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+ potassium tetraphenylborate	vol 18	E31 - 32,	
		33 - 36	
+ rubidium tetraphenylborate	vol 18	49	
+ silver azide + tetraethylammonium azide			
tetraethylammonium nitrate	vol 3		20
+ silver tetraphenylborate (1-) + sodium tetraphenylborate			
vol 18		152	
+ silver tetraphenylborate (1-) + sodium tetraphenylborate			
+ perchloric acid, sodium salt	vol 18	151	
+ sulfur dioxide	vol 12	267,	268
+ tetraphenylarsonium tetraphenylborate (1-)			
vol 18	E187,	188 - 190	
+ tetraphenylarsonium tetraphenylborate (1-) + nitric acid,			
silver salt + tetraphenylarsonium nitrate			
vol 18		191	
+ tetraphenylphosphonium tetraphenylborate (1-)			
vol 18		229	
+ thiocyanic acid, silver salt + thiocyanic acid,			
potassium salt + nitric acid, potassium salt			
vol 3		208	
Acetonitrile (aqueous)			
+ sulfur dioxide	vol 12		110
Acetophenone			
see ethanone, 1-phenyl-			

Acetylcholine chloride		
see ethanaminium, 2-(acetyloxy)-N,N,N-trimethyl-, chloride		
Aconitane-7,8-diol,4-[[(2-aminobenzoyl)oxy]methyl]-20-ethyl-1,6,14,16-tetramethoxy-(1b,6b,14a,16b)-	vol 7	406
+ oxygen		
Acetylene tetrachloride		
see ethane, 1,1,2,2-tetrachloro-		
Acetylene		
see ethyne		
Acids		
see under individual acids		
Acrylic acid		
see 2-propenoic acid		
Active amyl alcohol		
see 1-propanol, 2,2-dimethyl-		
Adenosine, 5-(tetrahydrogen phosphate)	vol 7	404
+ oxygen		
Adenosine, 5-(trihydrogen phosphate)	vol 7	404
+ oxygen		
ADP		
see adenosine, 5-(trihydrogen phosphate)		
Adrenals		
see guinea pig adrenals		
D-Alanine		
+ hydrogen	vol 5/6	103
D-Alanine (aqueous)		
+ nitrogen	vol 10	308
L-Alanine		
+ oxygen	vol 7	400
Alanine (aqueous)		
+ iodic acid, barium salt	vol 14	E252, E253, 285
+ iodic acid, barium salt + iodic acid, potassium salt	vol 14	E252, E253, 287
+ iodic acid, calcium salt	vol 14	E75, 142, 178
+ iodic acid, calcium salt + iodic acid, potassium salt	vol 14	E77, 142
+ sodium hydroxide + iodic acid, barium salt	vol 14	E252, E253, 286
DL-Alanine, monosodium salt (aqueous)		
+ iodic acid, calcium salt	vol 14	E76, E77, 115
Alanyl glycine, monosodium salt (aqueous)		
+ iodic acid, calcium salt	vol 14	E76, E77, 123
Albumen		
see egg albumen, human albumen, serum albumen		
Alcohols (c12-c16 aliphatic) (quaternary)	vol 5/6	473, 474
+ hydrogen		
Alcohols (c12-c16 aliphatic) (ternary)	vol 5/6	471, 472
+ hydrogen		
Alcohols		
see under individual alcohols		
Alkali halides		
see under individual halides		
Allyl alcohol		
see 2-propen-1-ol		
Aluminium chloride(aqueous)		
+ argon	vol 4	E33, 42
+ hydrogen	vol 5/6	E30, 54
+ oxygen	vol 7	E63, 99
Aluminium nitrate		
see nitric acid, aluminium salt		
Aluminium oxide(aqueous)		
+ argon	vol 4	77
+ hydrogen	vol 5/6	E30, 53
+ nitrogen	vol 10	E45 - E48, 60
+ oxygen	vol 7	E63, 101, 389

Aluminium sulfate		
see sulfuric acid, aluminium salt		
Aminocyclohexane		
see cyclohexanamine		
7-Aminoacetoxycephalosporanic acid		
see 5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7-amino-3-(hydroxymethyl)-8-oxo, acetate ester		
7-Aminodeacetoxycephalosporanic acid		
see 5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7-amino-3-methyl-8-oxo-		
Aminoethane		
see ethanamine		
2-Aminoethanol		
see ethanol, 2-amino-		
N-(Aminoiminomethyl)-N-methylglycine		
see glycine, N-(aminoiminomethyl)-, N-methyl-		
6-Aminopenicillanic acid		
see 4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-amino-3,3-dimethyl-7-oxo-		
1-Aminopropane		
see 1-propanamine		
2-Aminopropane		
see 2-propanamine		
N,N'-bis-(3-Aminopropyl)-ethylenediamine		
see 1,3-propanediamine, N-(2-aminoethyl)-N-(3-aminopropyl)-		
N-(3-Aminopropyl)-1,3-propanediamine		
See 1,3-Propanediamine, N-(3-aminopropyl)-		
Amino-N-(aminoiminomethyl)-N-methylglycine		
see glycine, amino-N-(aminoiminomethyl)-N-methyl-		
Ammonia		
+ argon	vol 4	
+ helium	vol 1	E255, 282
+ hydrogen	vol 5/6	E622, 623 - 629
+ hydrogen deuteride	vol 5/6	E299
+ krypton	vol 2	105
+ nitrogen	vol 10	E476, 477 - 483
+ thiocyanic acid, silver salt	vol 3	233
Ammonia (aqueous)		
+ cyanic acid, silver salt	vol 3	E47, E54 - 55, 59, 66
+ cyanic acid, silver salt + cyanic acid, silver potassium salt + nitric acid, silver salt	vol 3	66
+ iodic acid, barium salt	vol 14	E247, 293
+ iodic acid, calcium salt	vol 14	E69, 87, 88
+ silver azide	vol 3	E1, E7, E8, 17
+ thiocyanic acid, silver salt	vol 3	E105, E109 - 110 116, 132
Ammonia (ternary)		
+ deuterium	vol 5/6	296
+ hydrogen	vol 5/6	634
Ammonium bisulfite		
see sulfurous acid, monoammonium salt		
Ammonium bromide		
+ acetamide, N-methyl-	vol 11	E288, E289, 290, 291
+ formamide	vol 11	E64, 65, 66
+ formamide, N,N-dimethyl-	vol 11	E226, 227, 288
+ formamide, N-methyl-	vol 11	E134, 135 - 137

Ammonium bromide (aqueous)			
+ argon	vol 4	E33 - 34, 39 - 40	
+ ethane	vol 9	E29, E30, 36	
+ nitrous oxide	vol 8	E29, 48	
+ sulfur dioxide	vol 12	E37 - E39, 55	
Ammonium chloride			
+ acetamide, N-methyl-	vol 11	E284, E285, 286, 287	
+ formamide	vol 11	E61, 62, 63	
+ formamide, N,N-dimethyl-	vol 11	E222, 223 - 225	
+ formamide, N-methyl-	vol 11	E130, 131 - 133	
Ammonium chloride (aqueous)			
+ argon	vol 4	E33, 38	
+ ethane	vol 9	E29, E30, 35	
+ helium	vol 1	E20, 25	
+ hydrogen	vol 5/6	E28, 43, 44	
+ iodic acid, calcium salt	vol 14	E70, E73, 89, 90	
+ krypton	vol 2	E12, E13, 14	
+ neon	vol 1	E141, 145	
+ nitrous oxide	vol 8	E29, 46, 47	
+ radon-222	vol 2	E238 - E241, 242	
+ sulfur dioxide	vol 12	E37 - E39, 54	
Ammonium hydroxide (aqueous)			
+ hydrogen	vol 5/6	E28, 42	
+ iodic acid, barium salt	vol 14	E247, 294	
+ oxygen	vol 7	97	
Ammonium iodate			
see iodic acid, ammonium salt			
Ammonium iodide			
+ acetamide, N-methyl-	vol 11	E292, 293	
+ formamide	vol 11	E67, 68, 69	
+ formamide, N,N-dimethyl-	vol 11	E229, 230	
+ formamide, N-methyl-	vol 11	E138, 139	
Ammonium nitrate			
see nitric acid, ammonium salt			
Ammonium penicillin G			
see 4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenyl acetyl)amino], monoammonium salt			
Ammonium sulfate			
see sulfuric acid, ammonium salt			
Ammonium tetrabutyl-, bromide			
see 1-butanaminium, N,N,N-tributyl-, bromide			
Ammonium tetraethyl bromide			
see ethanaminium, N,N,N-triethyl-, bromide			
Ammonium tetramethyl bromide			
see methanaminium, N,N,N-trimethyl-, bromide			
Ammonium tetramethyl iodide			
see methanaminium, N,N,N-trimethyl-, iodide			
Ammonium tetraphenylborate			
+ N-methyl-2-pyrrolidinone	vol 18	80	
+ water	vol 18	E72 - 73, 74, 75	
Ammonium tetraphenylborate (aqueous)			
+ 2-propanone	vol 18	79	
+ Tris(hydroxymethyl)aminoethane	+acetic acid vol 18	78	
+ sulfuric acid, sodium salt	vol 18	76, 77	
Ammonium tetrapropyl bromide			
see 1-propanaminium, N,N,N-tripropyl-, bromide			
Ammonium thiocyanate			
see thiocyanic acid, ammonium salt			

Amoxillin trihydrate	see 4-thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid, 6-[(amino(4-hydroxyphenyl)acetyl)amino]-3,3-dimethyl-7-oxo-, trihydrate	
Ampicillin anhydride	see 4-thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid, 6-[(aminophenylacetyl)amino]-3,3-dimethyl-7-oxo-	
Ampicillin sodium	see 4-thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid, 6-[(aminophenylacetyl)amino]-3,3-dimethyl-7-oxo-, monosodium salt	
Ampicillin trihydrate	see 4-thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid, 6-[(aminophenylacetyl)amino]-3,3-dimethyl-7-oxo- trihydrate	
Ampicillin	see 4-thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid, 6-[(aminophenylacetyl)amino]-3,3-dimethyl-7-oxo-	
AMSCO-123-15	+ argon vol 4 + helium vol 1 + krypton vol 2 + nitrogen vol 10 + oxygen vol 7 + xenon vol 2	142 115 70 330 449 169
Amyl acetate	see acetic acid, pentyl ester	
iso-Amyl acetate	see 1-Butanol, 3-methyl-, acetate	
Amyl alcohol	see 1-pentanol	
iso-Amyl alcohol	see 1-butanol, 3-methyl-	
tert-Amyl alcohol	see 2-butanol, 2-methyl-	
Aniline	see benzenamine	
Aniline nitrate (aqueous)	+ nitric acid, cerium salt vol 13 + nitric acid, dysprosium salt vol 13 + nitric acid, lanthanum salt vol 13 + nitric acid, praseodymium salt vol 13	215 E416, E417, 424 104, 105 271
Aniline nitrate	+ water vol 13	104, 105, 215, 424
Animal oil	see oil, animal	
Anisole	see Benzene, methoxy-	
Antifoam	+ oxygen vol 7	423
Apiezon GW oil	+ helium vol 1	116
L-Arabinose	+ nitrogen vol 10	310
Argentate (1-), bis(cyano-c)-potassium	+ eicosahydrodibenzo(b,k)(1,4,7,10,13,16)-hexaoxacyclo- octadecin + 1,4-dichlorobenzene + water-d ₂ vol 3 + water vol 3	83 89 74

- Argentate (1-), bis(cyano-C)-potassium (aqueous)
+ cyanic acid, silver salt + ammonia + nitric acid,
silver salt vol 3 66 - 67
+ cyanic acid, silver salt + silver chloride + potassium
chloride vol 3 E45, 63
+ cyanic acid, silver salt + thiocyanic acid, silver salt
+ thiocyanic acid, potassium salt
vol 3 E46, 65, E102,
122 - 123
+ cyanic acid, silver salt + sodium hydroxide
vol 3 E47, 75 - 76,
79 - 80
- Argon
+ helium vol 1 110, E283, 284
+ hydrogen vol 5/6 E571, 572 - 580
+ hydrogen deuteride vol 5/6 E299
+ neon vol 1 249, E359, 360
- Argon (multicomponent)
+ nitrogen vol 10 482
- Arsenious sulfide (aqueous colloidal)
+ nitrous oxide vol 8 145, 148
- Arsonium, tetraphenyl-, nitrate
+ tetraphenylarsonium tetraphenylborate + nitric acid
silver salt + acetonitrile vol 18 191
- Artificial seawater
see seawater
- ATP
see adenosine, 5-(tetrahydrogen phosphate)
- Azidocillin
see 4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid,
6-[2-azido-2-phenyl-acetamido]-3,3-dimethyl-7-oxo-

Barium bromate			
see Bromic acid, barium salt			
Barium bromide			
+ acetamide, N-methyl-	vol 11	E307,	308
+ formamide	vol 11	E86,	87
Barium bromide (aqueous)			
+ bromic acid, barium salt	vol 14		240
+ chloric acid, barium salt + nitric acid, barium salt	vol 14	E210,	221, 222
+ iodic acid, barium salt	vol 14		291
+ neon	vol 1	E141,	158
Barium chlorate			
see Chloric acid, barium salt			
Barium chloride			
+ acetamide, N-methyl-	vol 11	E305,	306
+ formamide	vol 11	E84,	85
+ water	vol 14	236,	237,
		289,	290
Barium chloride (aqueous)			
+ argon	vol 4	E33,	43
+ bromic acid, barium salt	vol 14	E227,	236, 237
+ chloric acid, barium salt	vol 14	E210,	217, 218
+ chlorine	vol 12	E349,	351
+ hydrogen	vol 5/6		60
+ helium	vol 1	E20,	27
+ iodic acid, barium salt	vol 14	289,	290
+ krypton	vol 2	E12,	E13,
+ neon	vol 1	E141,	157
+ nitrogen	vol 10	E45 - E47,	
		E49,	62, 63
+ nitrous oxide	vol 8	E32,	75
+ oxygen	vol 7	E66,	127, 128
Barium hydroxide			
+ water	vol 14		223
Barium hydroxide (aqueous)			
+ chloric acid, barium salt	vol 14	E210,	223
Barium iodate			
see Iodic acid, barium salt			
Barium iodide (aqueous)			
+ neon	vol 1	E141,	159
Barium nitrate			
see Nitric acid, barium salt			
Barium thiocyanate			
see Thiocyanic acid, barium salt			
Barracudina oil			
+ oxygen	vol 7		443
Beef tallow			
+ radon-222	vol 2		331
Benethamine penicillin G			
see 4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenylacetyl)amino]- complexed with N-(phenylmethyl)benzene ethanamine (1:1)			
Benethamine penicillin V			
see 4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenoxyacetyl)amino]- complexed with N-(phenylmethyl)benzene ethanamine (1:1)			
Benzaldehyde			
+ argon	vol 4	E253 - E255,	296
+ nitrous oxide	vol 8	212,	213
+ radon-219	vol 2	E339,	342
Benzamide			
+ water	vol 13		108
Benzamide (aqueous)			
+ nitric acid, lanthanum salt	vol 13		108

Benzathine penicillin V				
see 4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid,				
3,3-dimethyl-7-oxo-6-[(phenoxyacetyl)amino]-				
complexed with N,N'-bis(phenylmethyl)-1,2-ethanediamine (2:1)				
Benzathine penicillin G				
see 4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid,				
3,3-dimethyl-7-oxo-6-[(phenylacetyl)amino]-				
complexed with N,N'-bis(phenylmethyl)-1,2-ethanediamine (2:1)				
Benzathine penicillin P				
see 4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid,				
3,3-dimethyl-7-oxo-6-[(4-methylphenoxyacetyl)amino]-				
complexed with N,N'-bis(phenylmethyl)-1,2-ethanediamine (2:1)				
Benzenamine				
+ ethane	vol 9	E195 -E199,	212	
+ hydrogen	vol 5/6		264	
+ nitrogen	vol 10		265, 266	
+ nitrous oxide	vol 8		214, 215	
+ oxygen	vol 7	305, 354,	454	
+ radon -222	vol 2		320	
+ sulfur dioxide	vol 12	E1, E2,	287	
+ xenon	vol 2		188, 189	
Benzenamine, N,N-diethyl-				
+ oxygen	vol 7		354	
+ sulfur dioxide	vol 12		295, 296	
Benzenamine, N,N-diethyl- (ternary)				
+ sulfur dioxide	vol 12		297	
Benzenamine, N,N-dimethyl-				
+ oxygen	vol 7		354	
+ sulfur dioxide	vol 12		E261,E262,	
			291 - 293, 297	
Benzenamine, ar,ar-dimethyl-				
+ sulfur dioxide	vol 12		287, 297	
Benzenamine, ar,ar-dimethyl- (ternary)				
+ sulfur dioxide	vol 12		297	
Benzenamine, N-ethyl-				
+ oxygen	vol 7		354	
+ sulfur dioxide	vol 12		294	
Benzenamine, ar-methyl-				
+ sulfur dioxide	vol 12		287	
Benzenamine, N-methyl-				
+ oxygen	vol 7		354	
+ sulfur dioxide	vol 12		290	
Benzenamine, 2-methyl-				
+ oxygen	vol 7		354	
Benzenamine, 3-methyl-				
+ oxygen	vol 7		354	
Benzene				
+ argon	vol 4	E158, 159 - 161,		
		211, 248 - 250,		
		E253 -E255, 279		
+ chlorine	vol 12		E354 -E366,	
			375 - 379	
+ deuterium	vol 5/6		E281, 287	
+ ethane	vol 9		E138 -E141,	
			155 - 157	
+ helium	vol 1		E232, E233,	
+ hydrogen	vol 5/6		238 - 243	
			E68, 70, E255	
			E159, E160	
			161 - 167,	
			E405, E406,	
			407 - 414	
+ krypton	vol 2		62	

Benzene		
+ neon	vol 1	E214, 215
+ nitric oxide	vol 8	E336, 339
+ nitrogen	vol 10	E162, 163 - 168, 252, 443, 444
+ nitrous oxide	vol 8	E160, 180 - 182
+ oxygen	vol 7	E250, E251, 252 - 256, 305, 453
+ radon-219	vol 2	E339, 341
+ radon-222	vol 2	264
+ sulfur dioxide	VOL 12	E145 -E147, 148 - 153
+ xenon	vol 2	166
Benzene (quaternary)		
+ hydrogen	vol 5/6	554, 555
Benzene (ternary)		
+ ethane	vol 9	163 - 165
+ hydrogen	vol 5/6	168, 253
+ nitrogen	vol 10	E104, 111, 112, 300 - 302
Benzene, bis(1-methylethyl)-		
+ sulfur dioxide	vol 12	164
Benzene, bis(trifluoromethyl)-		
+ oxygen	vol 7	322
Benzene, bromo-		
+ argon	vol 4	219
+ helium	vol 1	96
+ krypton	vol 2	93
+ neon	vol 1	241
+ oxygen	vol 7	311, 453
+ sulfur dioxide	vol 12	311
+ xenon	vol 2	179
Benzene, butyl-		
+ oxygen	vol 7	260
Benzene, chloro-		
+ argon	vol 4	217
+ chlorine	vol 12	E354 -E366, 419 - 422
+ helium	vol 1	95
+ hydrogen	vol 5/6	E240, 251
+ krypton	vol 2	91
+ neon	vol 1	240
+ nitrogen	vol 10	240
+ nitrous oxide	vol 8	225
+ oxygen	vol 7	311, 312, 453
+ sulfur dioxide	vol 12	E298, 308 - 310
+ tris(<i>o</i> -phenanthroline)ruthenium (11)tetraphenylborate		
+ xenon	vol 18	121
Benzene, (chloromethyl-)		
+ chlorine	vol 2	178
Benzene, 1-chloro-2-methyl-		
+ chlorine	vol 12	E354 -E366, 426
Benzene, 1-chloro-3-methyl-		
+ chlorine	vol 12	427
Benzene, 1-chloro-4-methyl-		
+ chlorine	vol 12	428
Benzene, 1-chloro-2-nitro-		
+ chlorine	vol 12	429
Benzene, 1-chloro-3-nitro-		
+ chlorine	vol 12	E354 -E366, 439
Benzene, 1-chloro-4-nitro-		
+ chlorine	vol 12	E354 -E366, 440
Benzene, chloro(trifluoromethyl)- (ternary+quaternary)		
+ chlorine	vol 12	E354 -E366, 441 430, 431

Benzene, 1,4-dibromo-			
+ krypton	vol 2		94
Benzene, 1,4-dibromo- (ternary)			
+ argon	vol 4		220
+ krypton	vol 2		94
Benzene, 1,2-dichloro-			
+ chlorine	vol 12	E354 -E366,	417
+ sulfur dioxide	vol 12		309
Benzene, 1,4-dichloro-			
+ argentate (1-), bis(cyano-C)-potassium + eicosahydrodibenzo (b,k)(1,4,7,10,13,16)-hexaoxacyclooctadecin	vol 3		83
+ krypton	vol 2		92
Benzene, 1,4-dichloro- (ternary)			
+ argon	vol 4		218
+ krypton	vol 2		92
Benzene (dichloromethyl-)			
+ chlorine	vol 12	E354 -E366,	425
Benzene, 1,2-dichloro-4-nitro-			
+ chlorine	vol 12	E354 -E366,	435
Benzene, 1,4-dichloro-2-nitro-			
+ chlorine	vol 12	E354 -E366,	436
Benzene, dichloro(trifluoromethyl)- (quaternary)			
+ chlorine	vol 12		430
Benzene, 1,4-diiodo-			
+ krypton	vol 2		96
Benzene, 1,4-diiodo- (ternary)			
+ argon	vol 4		222
+ krypton	vol 2		96
Benzene, 1,3-dimethoxy-			
+ sulfur dioxide	vol 12		252
Benzene, 1,4-dimethoxy-			
+ sulfur dioxide	vol 12		252
Benzene, dimethyl-			
+ argon	vol 4	E253 - 255,	281
+ hydrogen	vol 5/6		177
+ nitrogen	vol 10		171
+ radon-222	vol 2		270,
+ sulfur dioxide	vol 12		271
			151
Benzene, 1,2-dimethyl-			
+ argon	vol 4		165
+ chlorine	vol 12		382
+ helium	vol 1		76
+ krypton	vol 2		64
+ neon	vol 1		221
+ oxygen	vol 7		258
Benzene, 1,3-dimethyl-			
+ argon	vol 4		166
+ chlorine	vol 12		383
+ helium	vol 1	E77,	78
+ hydrogen	vol 5/6	176, E419,	420 - 423
			65
+ krypton	vol 2		223
+ neon	vol 1	E336,	341
+ nitric oxide	vol 8		258
+ oxygen	vol 7	E146, E147,	158 - 160
+ sulfur dioxide	vol 12		
Benzene 1,3-dimethyl (ternary)			
+ hydrogen	vol 5/6		558, 559
Benzene 1,4-dimethyl-			
+ chlorine	vol 12		384
+ helium	vol 1		80
+ krypton	vol 2	66,	67

Benzene 1,4-dimethyl-				
+ neon	vol 1		225	
+ oxygen	vol 7	258, 259,	305	
			453	
+ xenon	vol 2		168	
Benzene, 1,4-dimethyl- (ternary)				
+ argon	vol 4	167, E168,	218,	
		220,	222	
+ krypton	vol 2	92, 94,	96	
Benzene, diphenyl-				
see terphenyl				
Benzene, ethoxy-		vol 12		249
+ sulfur dioxide				
Benzene, ethyl-		vol 12		385
+ chlorine	vol 7		258,	453
Benzene, fluoro-				
+ argon	vol 4		215	
+ helium	vol 1		93	
+ krypton	vol 2		89	
+ neon	vol 1		237	
+ oxygen	vol 7		311	
+ xenon	vol 2		177	
Benzene, hexafluoro-				
+ argon	vol 4		216	
+ helium	vol 1		92	
+ krypton	vol 2		90	
+ neon	vol 1		236	
+ nitrogen	vol 10		242	
+ oxygen	vol 7		314,	315
Benzene, iodo-				
+ argon	vol 4		221	
+ helium	vol 1		97	
+ krypton	vol 2		95	
+ neon	vol 1		242	
+ oxygen	vol 7		311,	453
+ sulfur dioxide	vol 12		312	
+ xenon	vol 2		180	
Benzene, methoxy-				
+ sulfur dioxide	vol 12		248	
Benzene, 1,1-(methoxymethylene)bis-				
+ sulfur dioxide	vol 12	E146, E147,		
		167, 168,	248	
Benzene, methyl-				
+ argon	vol 4	E162, 163 - 164,		
		E253 - 255,	280	
+ chlorine	vol 12	E354 - E366,	380,	
			381,	391
+ deuterium	vol 5/6		E281,	288
+ ethane	vol 9	E138 - E141,	154	
+ helium	vol 1		E73,	74
+ hydrogen	vol 5/6	E169, 170 - 175,		
		E415, 416 - 418		
+ krypton	vol 2		63	
+ neon	vol 1		E218,	219
+ nitric oxide	vol 8		E336,	340
+ nitrogen	vol 10		E162,	169,
			170,	445
+ oxygen	vol 7	256, 257,	453	
+ radon-219	vol 2		E339,	341
+ radon-222	vol 2	E265, 266 - 269		
+ sulfur dioxide	vol 12	E145 - E147,	151,	
			154 - 157	
+ xenon	vol 2	167, 168,	191	

Benzene, methyl- (aqueous)			
+ butyltrisopentylammonium tetraphenylborate + 2-propanol	vol 18		86
+ silver tetraphenylborate + 2-propanol	vol 18		148
Benzene, methyl- (ternary)			
+ hydrogen	vol 5/6	569,	570
+ xenon	vol 2		191
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Benzene, 1,1'-methylenebis-(methyl)-	vol 12	E146, E147,	
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Benzene, 1,1-methylenebis(1-methylethyl)-	vol 12	E146, E147,	
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+ hydrogen	vol 5/6	182,	425
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Benzene, 1-methyl-4-propyl-			
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+ nitrous oxide	vol 8	E38, 112

Carbonic acid, monosodium salt (aqueous)			
+ nitrogen	vol 10		71
+ nitrous oxide	vol 8	E35,	93
+ oxygen	vol 7	E71,	160
Carbonic acid, lithium salt (aqueous)			
+ oxygen	vol 7	E66,	E67,
+ oxygen			139
Carbon monoxide			
+ argon	vol 4	E253 -	255,
+ helium	vol 1		E254,
+ hydrogen	vol 5/6	E601,	602 -
+ hydrogen deuteride	vol 5/6		608
+ hydrogen			E299
Carbon monoxide (multicomponent)			
+ hydrogen	vol 5/6	E434,	471 - 474,
			528,
			529,
			631 - 633
Carbon tetrachloride			
see Methane, tetrachloro-			
Caroxin-D			
see Butane, 1,1,2,2,3,3,4,4-octafluoro-1,4-bis-(1,2,2,2-tetrafluoro-1-(trifluoroethyl)ethoxy)-			
Caroxin-F			
see hexane, 1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-6-(1,2,2,2-tetrafluoromethyl)ethoxy)-			
Castor oil			
+ oxygen	vol 7		305
Cat blood			
+ krypton-85	vol 12		125
Cefsulodin sodium			
see Pyridinium, 4-(aminocarbonyl)-1[[2-carboxy-8-oxo-7-(phenyl-sulfoacetyl)-amino]-5-thia-1-azabicyclo[4,2,0]oct-2-en-3-yl]-methyl-hydroxide, inner salt, monosodium salt			
Celestone			
see Pregna-1,4-diene-3,20-dione, 9-fluoro-11,17-dihydroxy-16-methyl-21-(phosphonoxy)-disodium salt, (11beta,16beta)-			
Cellosolve			
see Ethanol, 2-ethoxy-			
Cephalexin monohydrate			
see 5-thia-1-azabicyclo[4,2,0]oct-2-ene-2-carboxylic acid-7[(aminophenylacetyl)amino]-3-methyl-8-oxo, monohydrate			
Cephalin (in benzene soln.)			
+ argon	vol 4		248
+ nitrogen	vol 10		302
+ oxygen	vol 7		394
Cephaloglycin dihydrate			
see 5-thia-1-azabicyclo[4,2,0]oct-2-ene-2-carboxylic acid, 3[(acetyloxy)methyl]-7-[(aminophenylacetyl)amino]-8-oxo, dihydrate			
Cephalothin sodium			
see 5-thia-1-azabicyclo[4,2,0]oct-2-ene-2-carboxylic acid, 3[(acetyloxy)methyl]-8-oxo-7-[(2-thienylacetyl)amino], monosodium salt			
Cephaloridine			
see Pyridium, 1-[[2-carboxy-8-oxo-7-(2-thienylacetyl)amino-5-thia-1-azabicyclo[4,2,0]oct-2-en-3-yl]-methyl]-hydroxide, inner salt (6R-trans)			
Cephradine monohydrate			
see 5-thia-1-azabicyclo[4,2,0]oct-2-ene-2-carboxylic acid, 7[(aminophenylacetyl)amino]-3-methyl-8-oxo, monohydrate			
Cerelose			
see D-glucose			
Cerium ammonium nitrate			
see Nitric acid, cerium ammonium salt			

Cerium chloride				
+ water	vol 13			192
Cerium chloride (aqueous)				
+ nitric acid, cerium salt	vol 13			192
Cerium cobalt nitrate				
see Nitric acid, cerium cobalt salt				
Cerium manganese nitrate				
see Nitric acid, cerium manganese salt				
Cerium nickel nitrate				
see Nitric acid, cerium nickel				
Cerium nitrate monohydrate				
see Nitric acid, cerium salt, monohydrate				
Cerium nitrate				
see Nitric acid, cerium salt				
Cesium bromide				
+ formamide	vol 11		E56,	57
+ formamide, N,N-dimethyl-	vol 11	E216,	217 -	219
Cesium bromide (aqueous)				
+ argon	vol 4		E33 -	63,
			67,	75
+ oxygen	vol 7		E75,	134
Cesium chloride				
+ formamide	vol 11		E54,	55
+ formamide, N,N-dimethyl-	vol 11	E212,	213 -	215
Cesium chloride (aqueous)				
+ argon	vol 4		E33 -	36,
			66,	74
+ ethane	vol 9		E33,	59
+ neon	vol 1		E141,	171
+ nitrous oxide	vol 8	E38,	E39,	114,
				115
+ oxygen	vol 7	E75,	133,	152
Cesium fluoride (aqueous)				
+ oxygen	vol 7		E75,	132
Cesium hydroxide (aqueous)				
+ oxygen	vol 7		E75,	131
Cesium iodide				
+ formamide	vol 11		E58,	59 -
+ formamide, N,N-dimethyl-	vol 11		E220,	221
Cesium iodide (aqueous)				
+ oxygen	vol 7		E75,	135
Cesium nitrate				
see Nitric acid, cesium salt				
Cesium sulfate				
see Sulfuric acid, cesium salt				
Cesium tetraphenylborate				
+ acetonitrile	vol 18		64 -	66
+ ethane,1,1-dichloro-	vol 18			67
+ ethane,1,2-dichloro-	vol 18			68
+ formamide	vol 18			70
+ methanol	vol 18			71
Cesium tetraphenylborate (aqueous)				
+ lithium chloride + ethanol	vol 18			69
+ lithium chloride + sodium hydroxide + methanol	vol 18		61,	62
+ 2-propanone	vol 18			63
+ sulfuric acid, sodium salt	vol 18		55,	56
+ tris(hydroxymethyl)aminomethane + acetic acid	vol 18			
				60
+ water	vol 18	E52 -	53,	54,
			57 -	59
Cetyl trimethyl ammonium bromide				
see 1-hexadecanaminium,N,N,N-trimethyl-, bromide				

Charcoal suspension + nitrous oxide	vol 8	158, 159
Chinese hamster blood + krypton-85	vol 2	125
Chloroform see Methane, trichloro-		
Chloral hydrate see 1,1-ethanediol, 2,2,2-trichloro-		
Chloric acid, barium salt + water	vol 14	E208 - E212, 213 - 214, 219, 220
Chloric acid, barium salt (aqueous) + barium chloride	vol 14	E210, 217, 218
+ barium hydroxide	vol 14	E210, 223
+ bromic acid, barium salt	vol 14	E227, 238, 239
+ chloric acid, sodium salt	vol 14	E210, 216
+ ethanol	vol 14	E210, 224
+ nitric acid, barium salt + barium bromide	vol 14	E210, 221, 222
+ sodium chloride	vol 14	E210, 215
Chloric acid, calcium salt + water	vol 14	E44 - E47, 48 - 50
Chloric acid, calcium salt (aqueous) + calcium chloride	vol 14	E45, 53 - 58
+ calcium chloride + chloric acid, potassium salt	vol 14	E47, 57, 58
+ calcium chloride + potassium chloride	vol 14	57, 58
+ chloric acid, potassium salt	vol 14	E45, 51, 52
Chloric acid, lithium salt (aqueous) + iodic acid, calcium salt + nitric acid, lithium salt	vol 14	93
Chloric acid, magnesium salt + water	vol 14	E1 - E3, 4, 5
Chloric acid, potassium salt (aqueous) + calcium chloride + chloric acid, calcium salt	vol 14	E47, 57, 58
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Chloric acid, sodium salt + water	vol 14	216
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Chlorine hexafluoride + nitrogen	vol 10	474
Chlorine pentafluoride + nitrogen	vol 10	472, 473
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Chlorine		
+ oxygen	vol 7	465
Chloroacetic acid		
see Acetic acid, chloro-		
Chlorobenzene		
see Benzene, chloro-		
1-Chlorobutane		
see Butane, 1-chloro-		
2-Chlorobutane		
see Butane, 2-chloro-		
Chlorodifluoromethane		
see Methane, chlorodifluoro-		
Chloroethane		
see Ethane, chloro-		
Chloroform		
see Methane, trichloro-		
1-Chloroheptane		
see Heptane, 1-chloro-		
1-Chlorohexane		
see Hexane, 1-chloro-		
Chloromethane		
see Methane, chloro-		
(Chloromethyl)benzene		
see Benzene, (chloromethyl)-		
1-Chloropentane		
see Pentane, 1-chloro-		
2-Chlorophenol		
see Phenol, 2-chloro-		
Chloroprocaine penicillin O		
see 4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[2-allylthioacetamido]- complexed with 2-(diethylamino)ethyl-4-amino-2- chlorobenzoate (1:1)		
1-Chloropropane		
see Propane, 1-chloro-		
2-Chloropropane		
see Propane, 2-chloro-		
Chlorothene		
+ nitrous oxide	vol 8	220
2-Chlorotoluene		
see Benzene, 1-chloro-2-methyl-		
3-Chlorotoluene		
see Benzene, 1-chloro-3-methyl-		
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see Methane, chlorotrifluoro-		
1-Chloro-1,1,2,2,3,3,4,4,5,6,6,6-dodecafluoro-5-(trifluoromethyl)-hexane,		
see hexane, 1-chloro-1,1,2,2,3,3,4,4,5,6,6,6-dodecafluoro 5-(trifluoromethyl)-		
1-Chloro-2-methylbenzene		
see Benzene, 1-chloro-2-methyl-		
1-Chloro-3-methylbenzene		
see Benzene, 1-chloro-3-methyl-		
1-Chloro-2-methylpropane		
see Propane, 1-chloro-2-methyl-		
2-Chloro-2-methylpropane		
see Propane, 2-chloro-2-methyl-		
1-Chloro-2-nitrobenzene		
see Benzene, 1-chloro-2-nitro-		
1-Chloro-3-nitrobenzene		
see Benzene, 1-chloro-3-nitro		

1-Chloro-4-nitrobenzene		
see Benzene, 1-chloro-4-nitro-		
2-Chloro-6-(trichloromethyl)pyridine		
see Pyridine, 2-chloro-6-(trichloromethyl)-		
5-Chloro-2-(trichloromethyl)pyridine		
see Pyridine, 5-chloro-2-(trichloromethyl)-		
Chloro(trifluoromethyl)benzene		
see Benzene, chloro(trifluoromethyl)-		
Cholest-5-en-3β-ol		
+ nitrogen	vol 10	300
Cholest-5-en-3β-ol (in benzene soln.)		
+ argon	vol 4	249
+ oxygen	vol 7	396
Cholest-5-en-3β-ol (in 2-methyl-1-propanol soin.)		
+ oxygen	vol 7	393
Cholesterol		
see Cholest-5-en-3β-ol		
Cholic acid		
see Cholan-24-oic acid, 3,7,12-trihydroxy-		
Choline chloride		
see Ethanaminium, 2-hydroxy-N,N,N-trimethyl-, chloride		
Chondroitin sulfuric acid		
+ oxygen	vol 7	397, 405
Chorex		
see Ethane, 1,1'-oxybis (2-chloro-		
Choroid layer		
see Rabbit choroid layer		
Chromic acid, potassium salt (aqueous)		
+ nitric acid, yttrium salt	vol 13	24
Chromic sulfate		
see Sulfuric acid, chromium salt		
Chromium, dichlorodioxo-		
+ chlorine	vol 12	E354 -E366, 443, 444
Chromium sulfate		
see Sulfuric acid, chromium salt		
Cyclacillin anhydrate		
see 4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-{{[(1-aminocyclohexyl)carbonyl]amino}-3,3-dimethyl- 7-oxo-		
Cyclacillin dihydrate		
see 4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, {{[(1-aminocyclohexyl)carbonyl]amino}-3,3-dimethyl- 7-oxo, dihydrate		
Citric acid		
see 1,2,3-propanetricarboxylic acid, 2-hydroxy-		
Clemizole penicillin G		
see 4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-(2-phenylacetamido)- complexed with 1-(p-chlorobenzyl)-2-(1-pyrrolidinyl- methyl)benzimidazole (1:1)		
Cloxacillin sodium monohydrate		
see 4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-{{[3-(2-chlorophenyl)-5-methyl-4-isoxazoyl]carbonyl] amino}-3,3-dimethyl-7-oxo, monosodium salt, monodihydrate		
Cobalt (1+), chlorobis(1,2-ethanediamine-N,N)(thiocyanato-N)-, bromide, (OC-6-23)- (aqueous)		
+ argon	vol 4	E33 - 34, 41
Cobalt acetate		
see Acetic acid, cobalt (2+) salt		
Cobalt nitrate		
see Nitric acid, cobalt salt		
Cobalt sulfate		
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Cobaltous sulfate		
see Sulfuric acid, cobalt salt		
Cocoa butter	vol 2	331
+ radon-222		
Cod blood		
see Blood, cod		
Cod liver oil	vol 7	362, 363
+ oxygen		
Colza oil	vol 2	332
+ radon-222		
Copper acetate		
see Acetic acid, copper (2+) salt		
Copper bromide (aqueous)	vol 8	E266, 316
+ nitric oxide		
Copper bromide (in ethanol)	vol 8	E266, 321, 325
+ nitric oxide		
Copper chloride (aqueous)	vol 8	E266, 315
+ nitric oxide		
Copper chloride (aqueous, ternary)	vol 8	E266, 314
+ nitric oxide		
Copper chloride (in acetic acid)	vol 8	E266, 323
+ nitric oxide		
Copper chloride (in ethanol)	vol 8	E266, 318, 320,
+ nitric oxide		326, 327
Copper chloride (in formic acid)	vol 8	E266, 322
+ nitric oxide		
Copper chloride (in methanol)	vol 8	E266, 319
+ nitric oxide		
Copper chloride (in 2-propanone)	vol 8	E266, 324
+ nitric oxide		
Copper nitrate		
see Nitric acid, copper salt		
Copper sulfate		
see Sulfuric acid, copper (2+) salt (1,1)		
Cordycepic acid		
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Corn oil	vol 7	366
+ oxygen		
Corn steep liquor	vol 7	420
+ oxygen		
Corticosteroids	vol 7	380, 381
+ oxygen		
Cortisone acetate		
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Cotton seed oil		
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CP-38,371		
see 4-thia-1-azabicyclo[3.2.0]hept-2-yl-5-tetrazole, 6-[D-2-amino-2-(4-aminophenyl)-acetamido]-3,3-dimethyl- 7-oxo, trihydrate		
Creatine		
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Creosote oil		
+ hydrogen	vol 5/6	524, 525
1,2-Cresol		
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1,3-Cresol		
see 1,3-Benzenediol		
<i>o</i> -Cresol		
see 1,2-Benzenediol		
<i>m</i> -Cresol		
see 1,3-Benzenediol		

CTAB			
	see 1-Hexadecanaminium, N,N,N-trimethyl-, bromide		
Cumene	see Benzene,(1-methylethyl)-		
Cupric bromide	see Copper bromide		
Cupric chloride	see Copper chloride		
Cuprous nitrate	see Nitric acid, copper salt		
Cuprous sulfate	see Sulfuric acid, copper (2+) salt (1,1)		
Cyanate, sodium	see Hydrocyanic acid, sodium salt		
Cyanate, potassium	see Hydrocyanic acid, potassium salt		
Cyanide, potassium	see Potassium cyanide		
Cyanide, silver	see Silver cyanide		
Cyanide, sodium	see Sodium cyanide		
Cyclohexanamine			
+ ethane	vol 9	E195 -E199,	202
+ hydrogen	vol 5/6		264
Cyclohexanamine, N,N-dimethyl-			
+ hydrogen	vol 5/6	E483,	506
Cyclohexanamine nitrate			
+ water	vol 13		328
Cyclohexanamine nitrate (aqueous)			
+ nitric acid, neodymium salt	vol 13		328
+ nitric acid, praseodymium salt	vol 13	266,	267
Cyclohexane			
+ argon	vol 4	E145, 146 - 148,	
		E253 - 255,	277
+ chlorine	vol 12		374
+ deuterium	vol 5/6		
+ ethane	vol 9	E138 -E141,	
		148, 149	
+ helium	vol 1	E59,	60
+ hydrogen	vol 5/6	E148, 149 - 152,	
		E380, E381,	
		382 - 390	
+ krypton	vol 2	E52, 53 - 54	
+ neon	vol 1	E204,	205
+ nitric oxide	vol 8	E336,	337
+ nitrogen	vol 10	E148, 149 - 154,	
		439, 440	
+ nitrous oxide	vol 8		179
+ oxygen	vol 7		241 - 243
+ radon-222	vol 2		263
+ sulfur dioxide	vol 12		140 - 142
+ xenon	vol 2	E162, 163 - 164	
Cyclohexane (quaternary)			
+ hydrogen	vol 5/6	554,	555
Cyclohexane (ternary)			
+ hydrogen	vol 5/6	153,	154
+ nitrogen	vol 10	E104, 117,	118,
		353,	354
Cyclohexane, decafluorobis (trifluoromethyl)-			
+ nitrogen	vol 10		246
Cyclohexane, 1,2-dimethyl-, cis-			
+ argon	vol 4		153
+ helium	vol 1		64
+ krypton	vol 2		57
+ neon	vol 1		210
+ nitrogen	vol 10		157
+ oxygen	vol 7		245

Cyclohexane, 1,2-dimethyl-, trans-		
+ argon	vol 4	154
+ helium	vol 1	65
+ krypton	vol 2	58
+ neon	vol 1	211
+ nitrogen	vol 10	158
+ oxygen	vol 7	247
Cyclohexane, 1,3-dimethyl-		
+ helium	vol 1	66
+ krypton	vol 2	59
+ neon	vol 1	212
+ oxygen	vol 7	246
Cyclohexane, 1,3-dimethyl-, cis-		
+ nitrogen	vol 10	160
Cyclohexane, 1,3-dimethyl-, trans-		
+ nitrogen	vol 10	160
Cyclohexane, 1,3-dimethyl, (cis- and trans- mixture)		
+ argon	vol 4	155
Cyclohexane, 1,4-dimethyl-		
+ helium	vol 1	67
+ krypton	vol 2	60
+ neon	vol 1	213
+ oxygen	vol 7	248
Cyclohexane, 1,4-dimethyl-, cis-		
+ nitrogen	vol 10	159
Cyclohexane, 1,4-dimethyl-, trans-		
+ nitrogen	vol 10	159
Cyclohexane, 1,4-dimethyl, (cis- and trans- mixture)		
+ argon	vol 4	156
Cyclohexane, perfluoromethyl-		
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Cyclohexane, methyl-		
+ argon	vol 4	E149, 150 - 152, E253 - 255, 277
+ helium	vol 1	62
+ hydrogen	vol 5/6	391, 392
+ krypton	vol 2	55
+ neon	vol 1	208
+ nitrogen	vol 10	155, 441, 442
+ oxygen	vol 7	244
+ xenon	vol 2	165
Cyclohexane, methyl- (ternary)		
+ nitrogen	vol 10	355, 356
Cyclohexane, 1-methylethyl- (ternary)		
+ hydrogen	vol 5/6	564
Cyclohexane, 1-methylethyl- (quaternary)		
+ hydrogen	vol 5/6	565, 566
Cyclohexane, undecafluoro (trifluoromethyl)-		
+ argon	vol 4	E207, 208 - 209, 253 - 255, 307
+ helium	vol 1	91
+ krypton	vol 2	86
+ neon	vol 1	235
+ nitrogen	vol 10	244
+ oxygen	vol 7	320
+ xenon	vol 2	172
Cyclohexanol		
+ argon	vol 4	E169 - 170, E201, E253 - 255, 292
+ ethane	vol 9	E166, E167, 189
+ helium	vol 1	88
+ hydrogen	vol 5/6	E189, 210, 211
+ krypton	vol 2	82
+ neon	vol 1	233

Cyclohexanol			
+ nitrogen	vol 10	207	
+ nitrous oxide	vol 8	185,	202
+ oxygen	vol 7	E267,	289
+ sulfur dioxide	vol 12	196,	197
+ water	vol 15	E210 - E213,	
		214 -	224
Cyclohexanol (multicomponent)			
+ nitrogen	vol 10	357	
Cyclohexanol, 3-methyl-			
+ sulfur dioxide	vol 12	238	
Cyclohexanone			
+ argon	vol 4	E253 - 255,	304
+ hydrogen	vol 5/6		225
+ nitrogen	vol 10	220,	449,
+ nitrous oxide	vol 8		450
+ oxygen	vol 7		201
+ sulfur dioxide	vol 12		297
		E190, E191,	
Cyclohexanone (ternary and multicomponent)		238 -	240
+ nitrogen	vol 10	357 -	360
Cyclohexanone, 2-methyl-			
+ sulfur dioxide	vol 12	240	
Cyclohexanone, 3-methyl-			
+ sulfur dioxide	vol 12	238	
Cyclohexene			
+ hydrogen	vol 5/6	149	
+ nitrogen	vol 10	154	
+ oxygen	vol 7	241	
Cyclohexylamine			
see Cyclohexanamine			
Cyclooctane			
+ helium	vol 1	63	
+ krypton	vol 2	56	
+ neon	vol 1	209	
+ nitrogen	vol 10	156	
+ oxygen	vol 7	249	
Cyclooctanone			
+ argon	vol 4	157	
Cyclopentanamine			
+ deuterium	vol 5/6	E281,	295
+ hydrogen	vol 5/6		262
Cycloserine			
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Cyclotetrasiloxane, octamethyl-			
+ argon	vol 4	239	
+ ethane	vol 9	E195 - E199,	227
+ helium	vol 1		109
+ hydrogen	vol 5/6	268,	520
+ krypton	vol 2		107
+ neon	vol 1		248
+ nitrogen	vol 10		275
Cysteine			
+ oxygen	vol 7	400	

Decahydronaphthalene		
see Naphthalene decahydro-		
Decalin		
see Naphthalene decahydro-		
Decane		
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+ argon	vol 4	E128, 129 - 131
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+ ethane	vol 9	E77, E78, 93, 94, E110 - E112, 129 - 131
+ helium	vol 1	E51, 52
+ hydrogen	vol 5/6	E122, 130, 139, E355, 368 - 370
+ krypton	vol 2	E35, 40 - 42
+ neon	vol 1	E196, 197
+ nitrogen	vol 10	E119 - E121, 131, 139, 140, E419, 435, 436
+ nitrous oxide	vol 8	E160, 172
+ oxygen	vol 7	E214, E215, 230 231, 238, 239
+ sulfur dioxide	vol 12	E116, E117, 128, 129
+ xenon	vol 2	159
Decanoic acid		
+ radon-222	vol 2	306
1-Decanol		
+ argon	vol 4	E169 - E170, 198
+ hydrogen	vol 5/6	208
+ helium	vol 1	87
+ krypton	vol 2	80
+ neon	vol 1	232
+ nitrogen	vol 10	E176 - E178, 213, 214, 324
+ nitrous oxide	vol 8	204
+ oxygen	vol 7	E266, E267, 286, 287, 439, 453
+ water	vol 15	E402, E403, 404 - 411
Detergent (aqueous)		
+ nitrogen	vol 10	352
Deuterium		
+ helium-3	vol 1	E254, 302
+ helium	vol 1	E254, 304
Dextrin (aqueous)		
+ nitrous oxide	vol 8	253, 255
Dextrin (colloidal)		
+ hydrogen	vol 5/6	114
Dextrin		
+ oxygen	vol 7	406
Dextrose		
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1,2-Diaminoethane		
see 1,2-ethanediamine		
1,6-Diaminohexane		
see 1,6-hexanediamine		
1,2-Diaminopropane		
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1,3-Diaminopropane		
see 1,3-propanediamine		
1,3-Propanediamine		
+ hydrogen	vol 5/6	E482, 497

Dibenzo(b,k)(1,4,7,10,13,16)hexaoxacyclooctadecin,eicosahydro-		
+ argentate (1-), bis(cyano-C)-potassium + 1,4-dichlorobenzene	vol 3	83
Dibenzyl ether		
see Benzene, 1,1'-(oxybis(methylene)]bis-		
Diborane		
+ hydrogen	vol 5/6	630
+ nitrogen	vol 10	496
1,4-Dibromobenzene		
see Benzene, 1,4-dibromo-		
1,2-Dibromoethane		
see Ethane, 1,2-dibromo-		
1,2-Dibromo-1,1,2,3,3,3-hexafluoropropane		
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Dibutylamine		
see 1-butanamine, N-butyl-		
Dibutylether		
see Butane, 1,1'-oxybis-		
Diisobutyl ketone		
see 3-Pentanone, 2,2,4,4-tetramethyl-		
Dibutylphthalate		
see 1,2-benzene dicarboxylic acid, dibutyl ester		
1,2-Dichlorobenzene		
see Benzene, 1,2-dichloro-		
1,4-Dichlorobenzene		
see Benzene, 1,4-dichloro-		
o-Dichlorobenzene		
see Benzene, 1,2-dichloro-		
p-Dichlorobenzene		
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+ cesium tetraphenylborate	vol 18		68
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+ nitrous oxide	vol 8		220
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+ iodic acid, barium salt	vol 14	E251, E252, 303	
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	+ tris(O-phenanthroline)ruthenium (II) tetraphenylborate (1-)	vol 18	126
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	+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt + nitric acid, potassium salt	vol 3	E193, 194 - 195
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Ethanol, 2-(2-aminoethoxy)-			
+ ethane	vol 9	E195 -E199,	225
Ethanol, 2-butoxy-			
+ hydrogen	vol 5/6	E442,	467
+ sulfur dioxide	vol 12		217
Ethanol, 2,2-(1,2-ethanediylbis(oxy))bis-			
+ hydrogen	vol 5/6	E443,	468
Ethanol, 2-ethoxy-			
+ ethane	vol 9	E195 -E199,	205
+ hydrogen	vol 5/6	E443,	461
+ nitric acid, neodymium salt + nitric acid, praseodymium salt	vol 13		280
Ethanol, 2-ethoxy-, acetate			
+ sulfur dioxide	vol 12		241
Ethanol, 2,2'-iminobis- (aqueous)			
+ ethane	vol 9	E74,	76
+ nitrous oxide	vol 8		141
Ethanol, 2,2'-iminobis-, nitrate (aqueous)			
+ nitric acid, gadolinium salt	vol 13		392
Ethanol, 2-methoxy-			
+ hydrogen	vol 5/6	E442,	450
+ nitric acid, neodymium salt + nitric acid, praseodymium salt	vol 13		279
+ sulfur dioxide	vol 12		217
Ethanol, 2-(2-methoxyethoxy-)			
+ hydrogen	vol 5/6	E443,	463
Ethanol, 2-[2-(methoxyethoxy)-ethoxy]-			
+ hydrogen	vol 5/6	E443,	469
Ethanol, 2,2',2"-nitrilotris- (aqueous)			
+ nitrous oxide	vol 8		143
Ethanol, 2,2',2"-nitrilotris-, nitrate (aqueous)			
+ nitric acid, gadolinium salt	vol 13		393
Ethanol, 2,2'-oxybis-			
+ hydrogen	vol 5/6	E443,	468
+ nitrous oxide	vol 8		126
+ sulfur dioxide	vol 12		204
Ethanol, 2,2'-oxybis- (aqueous)			
+ argon	vol 4	E80 - 84,	101
Ethanol, 2-phenoxy-			
+ sulfur dioxide	vol 12		217
Ethanol, 2,2,2-trichloro-			
+ sulfur dioxide	vol 12 ..		305
Ethanone, 1-phenyl-			
+ sulfur dioxide	vol 12		239
Ethene			
+ hydrogen	vol 5/6	E395, 396 - 399	
+ nitrogen	vol 10	E104, E105, 106-114	
Ethene (multicomponent)			
+ hydrogen	vol 5/6		553
Ethene (ternary)			
+ ethane	vol 9	E23, 24 - 26	
+ hydrogen	vol 5/6	537 - 539, 543 - 546	
Ethene, 1,1-dichloro-			
+ sulfur dioxide	vol 12	E1, E2	
Ethene, 1,2-dichloro-, cis-			
+ sulfur dioxide	vol 12	E1, E2	
Ethene, 1,2-dichloro-, trans-			
+ sulfur dioxide	vol 12	E1, E2	

Ethene, 1,1,2,2-tetrachloro-			
+ chlorine	vol 12	E354 -E366,	413
+ sulfur dioxide	vol 12	El,	E2
Ethene, tetrachloro-			
+ oxygen	vol 7	304,	452
Ethene, 1,1,2-trichloro-			
+ oxygen	vol 7		452
+ sulfur dioxide	vol 12	El,	E2
2-Ethoxy-1,1,1,3,3,4,4,5,5-decafluoro-2-(trifluoromethyl)pentane			
see Pentane, 2-ethoxy-1,1,1,3,3,4,4,5,5-decafluoro-2-(trifluoromethyl)-			
2-Ethoxyethanol			
see Ethanol, 2-ethoxy-			
Ethyl acetate			
see Acetic acid, ethyl ester			
Ethyl acetoacetate			
see 3-Oxobutanoic acid, ethyl ester			
Ethylammonium tetraphenylborate			
+ water	vol 18		90
N-Ethylaniline			
see Benzenamine, N-ethyl-			
Ethylbenzene			
see Benzene, ethyl-			
Ethyl cellosolve			
see Ethanol, 2-ethoxy-			
Ethyl ethanoate			
see Acetic acid, ethyl ester			
Ethyl ether			
see Ethane, 1,1'-oxybis-			
Ethylene			
see Ethene			
Ethylenediamine			
see 1,2-ethanediamine			
Ethylenediamine dinitrate			
see 1,2-ethanediamine, dinitrate			
Ethylene glycol			
see 1,2-Ethanediol			
Ethylene glycol, dimethyl ether			
see Ethane, dimethoxy-			
Ethylene glycol, monoethyl monoacetate			
see Ethanol, 2-ethoxy-, acetate			
Ethylene oxide			
see Ethane, 1,2-epoxy-			
Ethyl formate			
see Formic acid, ethyl ester			
2-Ethyl hexanol			
see 1-Hexanol, 2-ethyl-			
Ethyl laurate			
see Dodecanoic acid, ethyl ester			
Ethyl malonate			
see Diethyl propanedioate			
Ethyl methyl carbinol			
see 2-butanol, 2-methyl-			
Ethyl palmitate			
see Hexadecanoic acid, ethyl ester			
3-Ethyl-3-pentanol			
see 3-pentanol, 3-ethyl-			
Ethylpropylketone			
see 3-hexanone			
Ethyl phenyl ether			
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Ethyne (quaternary)			
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Eucerin anhydricum + radon-222	vol 2	331
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Fat			
	see Butter fat, Dog fat, Human fat, Rat fat, Guinea pig omental fat, Guinea pig subcutaneous fat		
FC-47	see 1-Butanamine, 1,1,2,2,3,3,4,4,4-nonafluoro-N,N-bis(nonfluoro-)		
FC-75	+ air	vol 10	290
FC-80	see furan, hexafluorotetrahydro(nonafluorobutyl)-		
Fermentation medium	+ oxygen	vol 7	418, 419
Ferrate (4-), hexakis (cyano-C)-, tetrapotassium (aqueous)			
+ iodic acid, calcium salt	vol 14	E70, E74,	147
+ radon-222	vol 2		290
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Ferric hydroxide	see Iron hydroxide		
Ferric oxide	see Iron (3+) oxide		
Ferric sulfate	see Sulfuric acid, iron (3+) salt		
Ferrocyanide, potassium	see Ferrate (4-), hexakis (cyano-C)-, tetrapotassium salt		
Ferrous ammonium sulfate	see Sulfuric acid, iron (2+) ammonium salt		
Ferrous bromide	see Iron bromide		
Ferrous chloride	see Iron chloride		
Ferrous iodide	see Iron iodide		
Ferrous nitrate	see Nitric acid, iron (2+) salt		
Ferrous selenate	see Selenic acid, iron (2+) salt		
Ferrous sulfate	see Sulfuric acid, iron (2+) salt		
Flounder oil	+ oxygen	vol 7	362, 363
Fluorocarbon, L-1822	+ oxygen	vol 7	450
Fluoride	see Lithium fluoride, Potassium fluoride, Sodium fluoride		
Fluorine	+ helium	vol 1	E254, 306
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Fluorocarbon fluid FC-47	see 1-Butanamine, 1,1,2,2,3,3,4,4,4-nonafluoro-N,N-bis(nonfluoro-)		
Fluorocarbon fluid FC-80	see furan, hexafluorotetrahydro(nonafluorobutyl)-		
Fluorocarbon fluid, L-1822	+ oxygen	vol 7	450
Formamide			
+ ammonium bromide	vol 11	E64,	65,
+ ammonium chloride	vol 11	E61,	62,
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+ lithium bromide	vol 11	E4,	5, 6
+ lithium chloride	vol 11	E1,	2, 3
+ magnesium chloride	vol 11	E72,	73
+ potassium bromide	vol 11	E35,	36 - 38
+ potassium chloride	vol 11	E28,	E29, 30 - 34
+ potassium cyanide	vol 11	E46,	47
+ potassium iodide	vol 11	E39,	E40, 41 - 45
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+ silver azide + sodium azide			
+ nitric acid, sodium salt	vol 3		26
+ silver azide			
+ tetraethylammonium azide			
+ nitric acid,			
tetraethylammonium salt	vol 3		26
+ silver tetraphenylborate			
+ nitric acid, sodium salt			
+ sodium tetraphenylborate	vol 18	169	
+ sodium bromide	vol 11	E14,	E15, 16 - 20
+ sodium chloride	vol 11	E9,	10 - 13
+ sodium fluoride	vol 11		E7, 8
+ sodium iodide	vol 11	E21,	22 - 25
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+ strontium chloride	vol 11	E80,	81 - 83
+ sulfur dioxide	vol 12		263
+ tetraphenylarsonium			
tetraphenylborate (1-)	vol 18	E209,	210 - 212
+ thiocyanic acid, ammonium salt	vol 11	E70,	71
+ thiocyanic acid, potassium salt	vol 11	E48,	49 - 51
+ thiocyanic acid, silver salt			
+ thiocyanic acid, potassium salt + nitric acid, potassium salt	vol 3		221
+ thiocyanic acid, silver salt + thiocyanic acid,			
tetraethylammonium salt			
+ nitric acid,			
tetraethylammonium salt	vol 3		221
+ thiocyanic acid, sodium salt	vol 11	E26,	27
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+ ammonium iodide	vol 11		E229, 230
+ ammonium thiocyanate	vol 11	E231,	232 - 234
+ cesium bromide	vol 11	E216,	217 - 219
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+ calcium chloride	vol 11	E240,	241, 242
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+ ethane	vol 9	E195 -E199,	220
+ hydrocyanic acid, potassium salt	vol 11	E206,	207
+ hydrocyanic acid, sodium salt	vol 11	E179,	180

Formamide, N,N-dimethyl-			
+ lithium bromide	vol 11	E156,	157, 158
+ lithium chloride	vol 11	E151,	152 - 155
+ lithium fluoride	vol 11	E148,	149, 150
+ magnesium chloride	vol 11	E235,	236, 237
+ magnesium iodide	vol 11		E238, 239
+ potassium bromide	vol 11		E194, 197
+ potassium chloride	vol 11	E186,	187 - 193
+ potassium cyanide	vol 11		E204, 205
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+ silver azide + sodium azide			
+ nitric acid, sodium salt	vol 3		22
+ silver tetraphenylborate (1-)	vol 18		E154
+ silver tetraphenylborate			
+ perchloric acid, sodium salt			
+ sodium tetraphenylborate	vol 18		156
+ silver tetraphenylborate			
+ nitric acid, sodium salt			
+ sodium tetraphenylborate	vol 18		155
+ silver tetraphenylborate			
+ sodium tetraphenylborate	vol 18		157
+ sodium bromide	vol 11	E168,	169, 170
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+ tetraphenylarsonium			
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+ thiocyanic acid, silver salt			
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+ thiocyanic acid, sodium salt	vol 11	E181,	182 - 185
Formamide, N,N-dimethyl- (aqueous)			
+ argon	vol 4		E83
+ iodic acid, barium salt	vol 14	E251,	E252, 310
+ iodic acid, calcium salt	vol 14		E74, 176
+ iodic acid, strontium salt	vol 14		207
+ thiocyanic acid, silver salt			
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salt + perchloric acid,			
potassium salt	vol 3		184
Formamide N,N-dimethyl-(aqueous)			
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+ ammonium bromide	vol 11	E134,	135 - 137
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+ ammonium iodide	vol 11		E138, 139
+ calcium bromide	vol 11		E146, 147
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+ lithium chloride	vol 11	E88,	89 - 92
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+ sodium bromide	vol 11	E101,	102 - 105
+ sodium chloride	vol 11	E96,	97 - 100
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+ thiocyanic acid, ammonium salt	vol 11		E140, 141
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Formic acid			
+ nitric oxide	vol 8	E266,	322
+ nitrous oxide	vol 8	E116,	128
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+ radon-222	vol 2		290
+ sulfur dioxide	vol 12		198, 200
Formic acid (aqueous)			
+ argon	vol 4		E83
Formic acid, ethyl ester			
+ oxygen	vol 7		453
+ sulfur dioxide	vol 12		202
Formic acid, methyl ester			
+ oxygen	vol 7		453
+ sulfur dioxide	vol 12		202
Formic acid, octyl ester			
+ oxygen	vol 7		453
Freon-11	see Methane, trichlorofluoro-		
Freon-12	see Methane, dichlorodifluoro-		
Freon-13	see Methane, chlorotrifluoro-		
Freon-22	see Methane, chlorodifluoro-		
Freon-113	see Ethane, 1,1,2-trichloro-1,2,2-trifluoro-		
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	+ nitrogen	vol 10	327, 328
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	+ ethane	vol 9	E195 -E199, 219
Furan, heptafluorotetrahydro(nonafluorobutyl)-			
	+ nitrogen	vol 10	247, 248
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	+ oxygen	vol 7	185
2-Furanmethanol			
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	+ sulfur dioxide	vol 12	233
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	+ nitrogen	vol 10	229
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+ iodic acid, barium salt	vol 14	E251, E252,	306
+ iodic acid, calcium salt	vol 14	E74,	173
+ iodic acid, strontium salt	vol 14		206
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see Nitric acid, cobalt gadolinium salt		
Gadolinium nickel nitrate		
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Gadolinium nitrate		
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Gasoline		
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+ oxygen	vol 7	304
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D-Glucitol (aqueous)		
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+ oxygen	vol 7	407
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+ oxygen	vol 7	417
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+ oxygen	vol 7	417
D-glucose (aqueous)		
+ hydrogen	vol 5/6	109, 110
+ nitrogen	vol 10	312
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DL-Glutamic acid, disodium salt (aqueous)		
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Glycerol octanoate		
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Glycerol triacetate		
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Glycerol tributurate		
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Glycine		
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+ oxygen	vol 7	400
Glycine (aqueous)		
+ bromic acid, barium salt	vol 14	235
+ calcium chloride + iodic acid, calcium salt	vol 14	E77, 158
+ iodic acid, barium salt	vol 14	284
+ iodic acid, barium salt	vol 14	E252, 284
+ iodic acid, potassium salt	vol 14	E252, 281
+ iodic acid, barium salt	vol 14	E77, 141
+ iodic acid, calcium salt	vol 14	E75, 177
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+ potassium chloride + iodic acid, calcium salt	vol 14	137
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Glycine, monosodium salt (aqueous)		
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+ oxygen	vol 7	402
Glycine, N,N-dimethyl-, potassium salt (aqueous)		
+ ethane	vol 9	60
Glycine, N,N'-1,2-ethanediylbis(N-carboxymethyl)- (aqueous)		
+ krypton-85	vol 2	125
Glycine, N-glycyl- (aqueous)		
+ iodic acid, calcium salt	vol 14	E75
+ iodic acid, calcium salt	vol 14	E77, 143
+ iodic acid, potassium salt	vol 14	288
+ iodic acid, barium salt	vol 14	E76, E77, 120
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+ nitrous oxide	vol 8	254
+ oxygen	vol 7	405
Glycol		
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Glycosamine		
+ oxygen	vol 7	405
Guaiacol		
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Guanidine monohydrochloride (aqueous)		
+ ethane	vol 9	E29, E30, 41
Guanidine mononitrate		
+ water	vol 13	92
Guanidine mononitrate (aqueous)		
+ nitric acid, lanthanum salt	vol 13	92
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Guinea pig brain		
+ krypton-85	vol 2	130
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+ krypton	vol 2	133
Guinea pig brain (in sodium chloride solution)		
+ krypton-85	vol 2	130
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+ krypton-85	vol 2	130
Guinea pig kidneys		
+ krypton-85	vol 2	130
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+ krypton-85	vol 2	129
Guinea pig liver		
+ krypton-85	vol 2	129
Guinea pig lungs		
+ krypton-85	vol 2	129
Guinea pig lymph nodes		
+ krypton-85	vol 2	129
Guinea pig muscle		
+ krypton-85	vol 2	130
Guinea pig omental fat		
+ krypton-85	vol 2	130
Guinea pig ovaries		
+ krypton-85	vol 2	130
Guinea pig seminal vesicles		
+ krypton-85	vol 2	130
Guinea pig small intestine		
+ krypton-85	vol 2	129
Guinea pig spleen		
+ krypton-85	vol 2	130
Guinea pig stomach		
+ krypton-85	vol 2	130
Guinea pig subcutaneous fat		
+ krypton-85	vol 2	129
Guinea pig testes		
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Heavy naphtha			
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Hemoglobin			
+ nitrogen	vol 10	287, 288,	290
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+ ethane	vol 9	E77, E78,	98
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Heptane			
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+ neon	vol 1		187
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Heptane, 1-bromo-			
+ air	vol 10		522
+ hydrogen	vol 5/6	E242, 254	
+ nitrogen	vol 10		243
+ oxygen	vol 7		317
Heptane, 1-chloro-			
+ sulfur dioxide	vol 12	E1, E2	

Heptane, 1,1,1,2,2,3,3-heptafluoro-4,4-bis(trifluoromethyl)-			
+ oxygen	vol 7		329
Heptane, 1,1,1,2,2,3,3-heptafluoro-6-methyl-4,4-bis(trifluoromethyl)-			
+ oxygen	vol 7		335
Heptane, hexadecafluoro-			
+ argon	vol 4		206
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+ helium	vol 1		90
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+ nitrogen	vol 10		245
+ oxygen	vol 7		321
Heptane, 1,1,1,7,7,7-hexafluoro-2,2,6,6-tetrakis(trifluoromethyl)-			
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Heptane, 3-methyl-			
+ argon	vol 4		120
+ helium	vol 1		46
+ krypton	vol 2		31
+ neon	vol 1		191
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+ radon-222	vol 2		303
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+ air	vol 10		520
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4-Heptanol, 3,5-dimethyl-			
+ water	vol 15		390
2-Heptanol, 2-methyl-			
+ water	vol 15		362
3-Heptanol, 3-methyl-			
+ water	vol 15		363
4-Heptanone			
+ argon	vol 4	E169 - E170	
1-Heptene			
+ hydrogen	vol 5/6	E400, E404	
Heptyl alcohol			
see 1-heptanol			
Herring oil			
+ oxygen	vol 7		361 - 363
Hexacarbonylbis(tributyl phosphine) dicobalt			
+ hydrogen	vol 5/6		569, 570
1,1,2,3,4,4-Hexachloro-1,3-butadiene			
see 1,3-butadiene, 1,1,2,3,4,4-hexachloro-			
Hexadecafluoroheptane			
see Heptane, hexadecafluoro-			

Hexane, 1-chloro-1,1,2,2,3,3,4,4,5,6,6,6-dodecafluoro-5-(trifluoromethyl)-			
+ air	vol 10	524	
+ oxygen	vol 7	319	
Hexane, 2,3-dimethyl-			
+ argon	vol 4	121	
+ helium	vol 1	47	
+ krypton	vol 2	32	
+ neon	vol 1	192	
Hexane, 2,4-dimethyl-			
+ argon	vol 4	122	
+ helium	vol 1	48	
+ krypton	vol 2	33	
+ neon	vol 1	193	
Hexane, 1,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-			
+ air	vol 10	249	
+ oxygen	vol 7	333	
1,6-Hexanediamine			
+ hydrogen	vol 5/6	E483,	504
1,6-Hexanediamine dinitrate			
+ water	vol 13	327, 396,	422
1,6-Hexanediamine dinitrate (aqueous)			
+ nitric acid, dysprosium salt	vol 13	422	
+ nitric acid, gadolinium salt	vol 13	396	
+ nitric acid, neodymium salt	vol 13	327	
Hexanoic acid			
+ radon-222	vol 2	302	
+ sulfur dioxide	vol 12	213,	243
Hexanoic acid, sodium salt (aqueous)			
+ oxygen	vol 7	451	
Hexanoic acid, 1,2,3-propanetriyl ester			
+ radon-222	vol 2	316	
1-Hexanol			
+ argon	vol 4	E169 - 170,	194,
		E253 - 255,	289
+ ethane	vol 9	E166, E167,	185,
			186
+ hydrogen	vol 5/6	205, E442,	469
+ nitrogen	vol 10	E177, E178,	205,
			207
+ nitrous oxide	vol 8	200	
+ oxygen	vol 7	E265,	282
+ sulfur dioxide	vol 12	193	
+ water	vol 15	E263 - E268,	
			269 - 290
2-Hexanol			
+ water	vol 15	E291,	292 - 294
3-Hexanol			
+ water	vol 15	E295,	296 - 298
1-Hexanol, 2-ethyl-			
+ hydrogen	vol 5/6	E442,	470
+ water	vol 15	E359,	360,
2-Hexanol, 2-methyl-			361
+ water	vol 15	E321,	322,
3-Hexanol, 2-methyl-			323
+ water	vol 15		324
3-Hexanol, 3-methyl-			
+ water	vol 15	E325,	326,
2-Hexanol, 5-methyl-			327
+ water	vol 15		328
2-Hexanone			
+ oxygen	vol 7		296
3-Hexanone			
+ argon	vol 4	E169 - 170,	
		E253 - 255,	302

1-Hexene			
+ hydrogen	vol 5/6	E400,	403
1-Hexen-3-ol			
+ water	vol 15		226
4-Hexen-3-ol			
+ water	vol 15		227
Hippuric acid sodium salt (aqueous)			
+ iodic acid, calcium salt	vol 14	E76, E77,	130
Histamine bis-tetraphenylborate			
+ water	vol 18		92
Holmium nitrate			
see Nitric acid, holmium salt			
Horse heart cyanometmyoglobin, metmyoglobin and myoglobin (aqueous)			
+ xenon	vol 2		220
Human albumen (in sodium chloride aqueous solution)			
+ krypton	vol 2		126
+ xenon	vol 2	208, 216,	217
Human blood			
see Blood, human			
Human blood plasma			
see Blood, human, plasma			
Human brain (homogenized)			
+ nitrous oxide	vol 8	E226, E227,	242
Human brain grey matter			
+ xenon-133	vol 2		225, 226
Human brain white matter			
+ xenon-133	vol 2		225, 226
Human erythrocytes			
+ xenon-133	vol 2		215
Human fat			
+ krypton	vol 2	E114, E115,	
		116, 117	
+ neon	vol 1		252
+ nitrogen	vol 10		281
+ radon-222	vol 2		335
+ xenon	vol 2	E199,	202
Human fetal brain			
+ nitrous oxide	vol 8	E226, E227,	244
Human fetal heart			
+ nitrous oxide	vol 8	E226, E227,	244
Human fetal liver			
+ nitrous oxide	vol 8	E226, E227,	244
Human fetal lung			
+ nitrous oxide	vol 8	E226, E227,	244
Human fetal scalp			
+ nitrous oxide	vol 8	E226, E227,	244
Human fetal skeletal muscle			
+ nitrous oxide	vol 8	E226, E227,	244
Human fetal skin			
+ nitrous oxide	vol 8	E226, E227,	244
Human fetal spleen			
+ nitrous oxide	vol 8	E226, E227,	244
Human hemoglobin (aqueous)			
+ krypton-85	vol 2		124
+ krypton	vol 2		123
+ xenon	vol 2	E199 - 200,	208,
		209,	211
Human hyperlipidemic plasma			
+ nitrous oxide	vol 8	E226, E227,	241
Human liver tissue			
+ krypton-85	vol 2		131
+ xenon-133	vol 2		223

Human lung homogenate (blood free tissue)		
+ nitrous oxide	vol 8	E226, E227, 243
Human lung homogenate	1.	
+ helium	vol 1	120
Human methemoglobin (aqueous)		
+ xenon	vol 2	E199 - 200, 208
Human methemoglobin (saline)		
+ xenon-133	vol 2	E199 - 200, 219
Human myocardium		
+ nitrous oxide	vol 8	E226, E227, 245
Human placenta		
+ nitrous oxide	vol 8	E226, E227, 244
Human plasma		
+ nitrous oxide	vol 8	E226, E227, 241
Human pulmonary tissue		
+ oxygen	vol 7	383
Human red blood cells		
+ krypton-85	vol 2	121
+ nitrous oxide	vol 8	E226, E227, 228, 241
+ xenon-133	vol 2	213, 214, 218
Human red blood ghosts		
+ hydrogen	vol 5/6	118
Human red blood membrane		
+ nitrous oxide	vol 8	E226, E227, 241
Human serum		
+ oxygen	vol 7	380, 381, 383
Human umbilical cord		
+ nitrous oxide	vol 8	E226, E227, 244
Human uterine muscle		
+ nitrous oxide	vol 8	E226, E227, 244
Hydrabamine penicillin G		
see 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenylacetyl)amino]- complexed with N,N'-bis[(1,2,3,4,4a,9,10,10a-octahydro-1,4a-dimethyl- 7-(1-methylethyl)-1-phenanthrenyl)methyl]-1,2-ethanediamine (1:2)		
Hydrabamine penicillin V		
see 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenoxyacetyl)amino]- complexed with N,N'-bis[(1,2,3,4,4a,9,10,10a-octahydro-1,4a-dimethyl- 7-(1-methylethyl)-1-phenanthrenyl)methyl]-1,2-ethanediamine (1:2)		
Hydrated aluminium oxide		
see Aluminium oxide (aqueous)		
Hydrated ferric oxide		
see Ferric oxide, hydrated		
Hydrated iron oxide		
see Iron oxide (aqueous)		
Hydrazine		
+ argon	vol 4	232
+ helium	vol 1	113
+ nitrogen	vol 10	270, 273
Hydrazine (1,1-dimethylhydrazine solution)		
+ argon	vol 4	236
Hydrazine 1,1-dimethyl-		
+ argon	vol 4	234
+ helium	vol 1	101
+ nitrogen	vol 10	272, 273
Hydrazine 1,2-dimethyl-		
+ argon	vol 4	235
+ helium	vol 1	102
+ nitrogen	vol 10	274

Hydrazine dinitrate			
+ water	vol 13	88,	89
Hydrazine dinitrate (aqueous)			
+ nitric acid, lanthanum salt	vol 13	88,	89
+ nitric acid, praseodymium salt	vol 13	257,	258
Hydrazine, methyl-			
+ argon	vol 4	233	
+ helium	vol 1	100	
+ nitrogen	vol 10	271	
Hydrazine mononitrate			
+ water	vol 13	86,	87,
		201,	
	202,	320 -	321
Hydrazine mononitrate (aqueous)			
+ nitric acid, cerium salt	vol 13	201,	202
+ nitric acid, lanthanum salt	vol 13	86,	87
+ nitric acid, neodymium salt	vol 13	320,	321
Hydrazine, tetrafluoro-			
+ nitrogen	vol 10	487	
Hydrobromic acid (ternary)			
+ nitric oxide	vol 8	292	
Hydrocarbon blend			
see Gas oil, Heavy naphtha			
Hydrocarbon oil			
+ ethane	vol 9	E232,	E233,
		236,	237
Hydrochloric acid			
+ chlorine	vol 12	107,	E344,
		345 -	348,
			E349
+ helium	vol 1	E20,	23
+ hydrogen	vol 5/6	E27,	36
+ krypton	vol 2	E12,	E13,
+ neon	vol 1	16	
+ nitrous oxide	vol 8	E141,	144
+ oxygen	vol 7	E28,	E40,
+ sulfur dioxide	vol 12	41	
		E59,	77
		40,	41
Hydrochloric acid (aqueous)			
+ iodic acid, barium salt	vol 14	E246,	295
+ iodic acid, calcium salt			
+ sodium chloride	vol 14	98	
Hydrochloric acid (multicomponent)			
+ nitric oxide	vol 8	287,	290,
+ sulfur dioxide	vol 12	291,	107
Hydrocortisone sodium succinate			
see pregn-4-ene-3,20-dione,21(3-carboxy-1-oxopropoxy)			
-11,17-dihydroxy-monosodium salt, (11-beta)-			
Hydrocyanic acid			
see Hydrogen cyanide			
Hydrogen			
+ helium-3	vol 1	E307,	308
+ helium-4	vol 1	E310,	311
		334,	335
p-Hydrogen			
+ helium	vol 1	322	
Hydrogen cyanide			
+ silver cyanide + nitric acid			
+ sulfuric acid	vol 3	E86	
Hydrogen cyanide (aqueous)			
+ silver cyanide	vol 3	E46 -	47,
		E53 -	54,
		70 -	71

Hydrogen fluoride			
+ chlorine	vol 12	448	
+ oxygen	vol 7	430	
+ silver cyanide	vol 3	87	
+ sulfur dioxide	vol 12	E1, E2	
Hydrogen sulfide			
+ ethane	vol 9	E232,	E233, 244
+ hydrogen	vol 5/6	619,	620
+ hydrogen deuteride	vol 5/6		299
+ nitrogen	vol 10	468 -	470
Hydrogen sulfide (multicomponent)			
+ hydrogen	vol 5/6	565,	566
+ nitrogen	vol 10		495
Hydrogen sulfide (ternary)			
+ hydrogen	vol 5/6	562 -	564,
		567,	568
Hydrogenated cotton seed oil			
see oil, hydrogenated cotton seed			
Hydrogenated fuel			
+ helium	vol 1		114
Hydroquinone, dimethyl ether			
see benzene, 1,4-dimethoxy-			
Hydroterpin			
see Hydroterpinol			
Hydroterpinol			
+ sulfur dioxide	vol 12		171
Hydroxide			
see ammonium hydroxide, potassium hydroxide, sodium hydroxide			
2-Hydroxy-N,N,N-tris(2-Hydroxyethyl)-ethanaminium bromide)			
see Ethanamine, 2-hydroxy-, N,N,N-tris (2-hydroxyethyl)-, bromide			
2-Hydroxy ethyl ether			
see Ethanol, 2,2'-oxybis-			
4-Hydroxyproline			
see proline, 4-hydroxy-			

Inuline

see aconitane-7,8-diol,4-[[[(2-aminobenzoyl)oxy]-methyl]-20-ethyl-1,6,14,16-tetramethoxy-, (1b,6b,14a,16b)-

Iodic acid		
+ water	vol 14	204, 205
Iodic acid (aqueous)		
+ iodic acid, barium salt	vol 14	E246, 296
+ iodic acid, magnesium salt	vol 14	E17, 21 - 24
+ iodic acid, strontium salt	vol 14	204, 205
Iodic acid, aluminium salt		
+ water	vol 14	42, 43
Iodic acid, aluminium salt (aqueous)		
+ iodic acid, magnesium salt	vol 14	42, 43
Iodic acid, ammonium salt		
+ water	vol 14	25, 26
Iodic acid, ammonium salt (aqueous)		
+ iodic acid, magnesium salt	vol 14	E17, 25, 26
Iodic acid, barium salt		
+ water	vol 14	E242 -E255, 256 - 272, 284
Iodic acid, barium salt (aqueous)		
+ acetic acid, bromo-, sodium salt	vol 14	263
+ acetic acid, ethyl ester	vol 14	E251, 252, 309
+ alanine	vol 14	E252, E253, 285, 287
+ alanine + iodic acid, potassium salt	vol 14	E252, E253, 287
+ alanine + sodium hydroxide	vol 14	E252, E253, 286
+ ammonia	vol 14	E247, 293
+ ammonium hydroxide	vol 14	E247, 294
+ barium bromide	vol 14	291
+ barium chloride	vol 14	289, 290
+ bromic acid, potassium salt	vol 14	269
+ calcium chloride	vol 14	277
+ 1,4-dioxane	vol 14	E251, E252, 307, 308
+ 1,2-ethanediol	vol 14	E251, E252, 303
+ chloric acid, potassium salt	vol 14	E253, 267
+ ethanol	vol 14	E251, E252, 299, 300
+ ethanol + nitric acid, sodium salt + sodium hydroxide	vol 14	301
+ formamide, N,N-dimethyl-	vol 14	E251, E252, 310
+ foran, tetrahydro-	vol 14	E251, E252, 306
+ glycine	vol 14	E252, 281, 284
+ glycine + iodic acid, potassium salt	vol 14	E252, 284
+ glycine + potassium chloride	vol 14	E252, 283
+ glycine + sodium hydroxide	vol 14	E252, 282
+ glycine, N-glycyl	vol 14	288
+ hydrochloric acid	vol 14	E246, 295
+ iodic acid	vol 14	E246, 296
+ iodic acid, magnesium salt	vol 14	E17, 41
+ iodic acid, potassium salt	vol 14	270
+ magnesium chloride	vol 14	276
+ methanol	vol 14	E251, E252, 298
+ nitric acid	vol 14	E246, 297
+ nitric acid, barium salt	vol 14	E250, E251, 279, 280, 292
+ nitric acid, calcium salt	vol 14	278
+ nitric acid, potassium salt	vol 14	E248 -E250, 271 - 275

Iodic acid, barium salt (aqueous)				
+ perchloric acid, lithium salt + nitraic acid, lithium salt	vol 14	261		
+ perchloric acid, potassium salt	vol 14	E253,	268	
+ potassium chloride	vol 14	264 -	266	
+ 1,2,3-propanetriol	vol 14	E251,	E252,	304
+ 1-propanol	vol 14	E251,	E252,	302
+ 2-propanone	vol 14	E251,	E252,	305
+ thiosulfuric acid, sodium salt	vol 14		262	
+ urea	vol 14		311	
Iodic acid, calcium salt				
+ water	vol 14	40,	E59 - E82,	
			83 - 178	
Iodic acid, calcium salt (aqueous)				
+ acetic acid, cyano-, sodium salt	vol 14	E75,	E76,	114
+ acetic acid, ethyl ester	vol 14	E74,		174
+ acetic acid, hydroxy-, monosodium salt	vol 14		E75,	76,
			106 -	108
+ acetic acid, methoxy-, sodium salt	vol 14	E75,	E76,	113
+ alanine	vol 14	E75,	142,	178
+ alanyl glycine, monosodium salt	vol 14	E76,	E77,	123
+ DL-alanine, monosodium salt (aqueous)	vol 14		E76,	115
+ ammonia	vol 14	E69,	87,	88
+ ammonium chloride	vol 14		E70,	E73,
			89,	90
+ benzoic acid, 2-hydroxy-, monosodium salt	vol 14	E75,	E76,	124
+ butanedioic acid, hydroxy-, monosodium salt	vol 14		E75,	E76,
			117,	118
+ butanoic acid, 3-hydroxy-, monosodium salt	vol 14	E75,	E76,	119
+ calcium chloride	vol 14	E70,	73,	
			155 -	157
+ calcium hydroxide	vol 14	E69,	102,	154
+ chloric acid, lithium salt + nitric acid, lithium salt	vol 14			93
+ 1,4-dioxane	vol 14	E74,	170,	171
+ 1,2-ethanediol	vol 14	E74,		168
+ ethanol	vol 14	E74,		166
+ ferrate (4-) hexakis (cyano-O)-, tetrapotassium	vol 14	E70,	E74,	147
+ formamide, N,N-dimethyl-	vol 14		E74,	174
+ β -D-fructofuranosyl- α -D-glucopyranoside	vol 14			159
+ calcium hydroxide	vol 14			173
+ furan, tetrahydro-	vol 14		E74,	
+ DL-glutamic acid, disodium salt	vol 14	E76,	E77,	121
+ DL-glutamic acid, monosodium salt	vol 14			122
+ glycine	vol 14	E76,	E77,	
+ glycine, N-glycyl-	vol 14	E75,	141,	177
+ glycine, N-glycyl- + iodic acid, potassium salt	vol 14			E75
+ glycine, N-glycyl-, sodium salt	vol 14		E77,	143
+ glycine + calcium chloride	vol 14		E76,	E77,
+ glycine + iodic acid, potassium salt	vol 14		120,	143
+ glycine, monosodium salt	vol 14		E77,	158
+ hippuric acid, sodium salt	vol 14	E77,	109,	110
+ hydrochloric acid	vol 14	E76,	E77,	130
			E68,	98

Iodic acid, calcium salt (aqueous)			
+ hydrochloric acid + sodium chloride	vol 14	98	
+ iodic acid, lithium salt	vol 14	E69,	161 - 163
+ iodic acid, magnesium salt	vol 14	E69,	151
+ iodic acid, potassium salt	vol 14		140
+ iodic acid, potassium + alanine	vol 14	E77,	142
+ iodic acid, sodium salt	vol 14	E69,	164
+ leucyl glycine, monosodium salt	vol 14	E76,	E77, 128
+ lithium chloride	vol 14	E70	- E72, 91, 92
+ magnesium chloride	vol 14	E70,	E73, 148 - 150
+ mandelic acid, monosodium salt	vol 14	E75,	E76, 125 - 127
+ methanol	vol 14		165
+ nitric acid, potassium salt	vol 14	E70,	E74, 146
+ potassium bromide	vol 14	E70,	E74, 138
+ potassium chloride	vol 14	E70,	E72, 133 - 136
+ potassium chloride + glycine	vol 14		137
+ potassium hydroxide	vol 14	E68,	E69, 132
+ potassium iodide	vol 14	E70,	E74, 139
+ 1,2,3-propanetriol	vol 14	E74,	169
+ propanoic acid, 2-hydroxy-, calcium salt	vol 14		160
+ propanoic acid, 2-hydroxy-, monosodium salt	vol 14	E75,	E76, 112
+ propanoic acid, 2-oxo-, sodium salt	vol 14	E75,	E76, 111
+ 1-propanol	vol 14	E74,	167
+ 2-propanone	vol 14	E74,	172
+ serine, monosodium salt	vol 14	E76,	E77, 116
+ sodium chloride	vol 14	E70,	E72, 94 - 99
+ sodium chloride + calcium hydroxide	vol 14		102
+ sodium chloride + potassium chloride	vol 14		100, 101
+ sodium chloride + sodium hydroxide	vol 14		99
+ sodium chloride + sucrose	vol 14		103
+ sodium hydroxide	vol 14	E68,	99
+ sulfuric acid, magnesium salt	vol 14	E70,	E74, 152, 153
+ sulfuric acid, potassium salt	vol 14	E70,	144, 145
+ sulfuric acid, sodium salt	vol 14	E70,	E74, 102
+ thiosulfuric acid, disodium salt	vol 14	E70,	E74, 105
+ tyrosine, 3,5-diiodo-, monosodium salt	vol 14	E76,	E77, 129
+ tyrosine, monosodium salt	vol 14	E76,	E77, 131
+ urea	vol 14		175
Iodic acid, cesium salt (aqueous)			
+ iodic acid, magnesium salt	vol 14		E17
Iodic acid, lithium salt			
+ water		27 - 30,	
		161 - 163	
Iodic acid, lithium salt (aqueous)			
+ iodic acid, calcium salt	vol 14	E69,	161 - 163
+ iodic acid, magnesium salt	vol 14	E17,	27 - 30
Iodic acid, magnesium salt			
+ water	vol 14	E11 - E18,	
		19 - 43	

Iodic acid, magnesium salt (aqueous)				
+ iodic acid	vol 14	E17,	21 -	24
+ iodic acid, aluminium salt	vol 14		42,	43
+ iodic acid, ammonium salt	vol 14	E17,	25,	26
+ iodic acid, barium salt	vol 14		E17,	41
+ iodic acid, calcium salt	vol 14		E17,	40,
			E69,	151
+ iodic acid, cesium salt	vol 14			E17
+ iodic acid, lithium salt	vol 14	E17,	27 -	30
+ iodic acid, potassium salt	vol 14	E17,	33,	34
+ iodic acid, rubidium salt	vol 14	E17,	35,	36
+ iodic acid, sodium salt	vol 14	E17,	31,	32
+ nitric acid, magnesium salt	vol 14	E17,	37 -	39
Iodic acid, potassium salt				
+ water	vol 14		33,	34,
			51,	52
Iodic acid, potassium salt (aqueous)				
+ alanine + iodic acid, barium salt	vol 14	E252, E253,	287	
+ glycine + iodic acid, barium salt	vol 14	E252,	284	
+ iodic acid, barium salt	vol 14		270	
+ iodic acid, calcium salt	vol 14		140	
+ iodic acid, calcium salt + alanine	vol 14		E77,	142
+ iodic acid, calcium salt + glycine	vol 14		E77,	141
+ iodic acid, calcium salt + glycine, N-glycyl-	vol 14		E77,	143
+ iodic acid, magnesium salt	vol 14	E17,	33,	34
+ iodic acid, strontium salt + perchloric acid	vol 14			203
Iodic acid, rubidium salt				
+ water	vol 14		35,	36
Iodic acid, rubidium salt (aqueous)				
+ iodic acid, magnesium salt	vol 14	E17,	35,	36
Iodic acid, sodium salt				
+ water	vol 14		31,	32,
			164,	216
Iodic acid, sodium salt (aqueous)				
+ iodic acid, calcium salt	vol 14		E69,	164
+ iodic acid, magnesium salt	vol 14	E17,	31,	32
Iodic acid, strontium salt				
+ water	vol 14		E191 -E197,	
			198 - 205	
Iodic acid, strontium salt (aqueous)				
+ furan, tetrahydro-	vol 14		206	
+ iodic acid	vol 14		204,	205
+ iodic acid, potassium salt + perchloric acid	vol 14		203	
+ perchloric acid	vol 14		203	
+ perchloric acid, lithium salt + nitric acid, lithium salt	vol 14		202	
+ formamide, N,N-dimethyl-	vol 14		207	
+ sodium chloride	vol 14	E195,	199,	200
+ sodium hydroxide	vol 14	E195,	201	
Iodide				
see ammonium iodide, barium iodide, calcium iodide, cesium iodide, lithium iodide, potassium iodide, sodium iodide, magnesium, iodide, methanaminium, N,N,N-trimethyl iodide				
Iodobenzene				
see benzene, iodo-				
Iron bromide (aqueous)				
+ nitric oxide	vol 8	E265, E266,	274	
Iron bromide (in aqueous hydrobromic acid)				
+ nitric oxide	vol 8	E265, E266,	292	

Iron bromide (in ethanol)			
+ nitric oxide	vol 8	E265, E266,	306
Iron chloride (aqueous)			
+ neon	vol 1	E141,	146
+ nitric oxide	vol 8	E265, E266,	268, 269, 271, 280, 283, 285, 304
Iron chloride (in aqueous hydrochloric acid)			
+ nitric oxide	vol 8	E265, E266,	287, 291
Iron chloride (in organic liquids)			
+ nitric oxide	vol 8	E265, E266,	307, 309, 310, 312, 313
Iron hydroxide (aqueous)			
+ nitrous oxide	vol 8		145 - 147
Iron iodide (aqueous)			
+ argon	vol 4		251
+ hydrogen	vol 5/6		E29, 51
+ nitric oxide	vol 8	E226, E265,	275
+ nitrogen	vol 10	E45 - E47,	61
+ oxygen	vol 7	E64, 105,	389
Iron iodide (in ethanol)			
+ nitric oxide	vol 8	E265, E266,	308
Iron oxide (aqueous)			
+ argon	vol 4		78
Iron sulfate			
see sulfuric acid, iron (2+) salt, sulfuric acid, iron (3+) salt			
3-Isoxazolidinone,4-amino-			
+ acetic acid, ethyl ester	vol 16/17	E740,	752
+ benzene	vol 16/17	E740,	747
+ benzenemethanol	vol 16/17	E740,	764
+ benzene, methyl-	vol 16/17	E740,	748
+ 1-butanol,3-methyl-	vol 16/17	E740,	745
+ 1-butanol,3-methyl- acetate	vol 16/17	E740,	753
+ 2-butanone	vol 16/17	E740,	755
+ carbon disulfide	vol 16/17	E740,	760
+ cyclohexane	vol 16/17	E740,	746
+ 1,4-dioxane	vol 16/17	E740,	758
+ ethane,dichloro-	vol 16/17	E740,	757
+ ethane, 1,1'-oxybis-	vol 16/17	E740,	756
+ ethanol	vol 16/17	E740,	743, 765
+ ethanol (quaternary)	vol 16/17	E740,	766
+ ethanol, 2-methoxy-	vol 16/17	E740,	763
+ formamide	vol 16/17	E740,	762
+ methane, tetrachloride	vol 16/17	E740,	751
+ methane, trichloro-	vol 16/17	E740,	759
+ methanol	vol 16/17	E740,	742
+ pentane, 2,2,4-trimethyl-	vol 16/17	E749,	750
+ petroleum ether	vol 16/17	E740,	749
+ 2-propanol	vol 16/17	E740,	744
+ 2-propanol (quaternary)	vol 16/17	E740,	766
+ 2-propanone	vol 16/17	E740,	754
+ pyridine	vol 16/17	E740,	761
+ water	vol 16/17	E740,	741, 766

Jojoba oil			
	+ hydrogen	vol 5/6	527
Jet fuel	see fuel ,jet		
JP-1, JP-4	see fuel		
Kaiserol			
	+ radon-222	vol 2	325
Kerosene			
	+ air	vol 10	541, 542
	+ oxygen	vol 7	445
	+ sulfur dioxide	vol 12	172
Kidney			
	see Rabbit kidney		
Koppers emulsion K-900			
	+ xenon	vol 2	191
Krebs solution			
	+ oxygen	vol 7	373, 385
Krypton			
	+ argon	vol 4	240
	+ helium	vol 1	E254, 323
	+ neon	vol 1	E369, 370

Lactose	see 4-O- β -D-glucopyranosyl-D-glucose			
Lanolin	+ radon-222	vol 2		331
Lanthanum acetate				
	see Acetic acid, lanthanum salt			
Lanthanum ammonium nitrate				
	see Nitric acid, lanthanum ammonium salt			
Lanthanum chloride (aqueous)				
	+ hydrogen	vol 5/6	E30,	55
	+ nitric acid, lanthanum salt	vol 13		69
Lanthanum cobalt nitrate				
	see Nitric acid, cobalt lanthanum salt			
Lanthanum manganese nitrate				
	see Nitric acid, lanthanum manganese salt			
Lanthanum nickel nitrate				
	see Nitric acid, lanthanum nickel salt			
Lanthanum nitrate				
	see Nitric acid, lanthanum salt			
Lard				
	+ air	vol 10	533,	534
	+ hydrogen	vol 5/6		274
	+ nitrogen	vol 10	276,	277,
	+ oxygen	vol 7	280	366 - 368
	+ radon-222	vol 2		331
Large intestine				
	see Guinea pig large intestine			
Lauric acid				
	see Dodecanoic acid			
Lead nitrate				
	see Nitric acid, lead salt			
Lecithin				
	+ krypton-85	vol 2		120
	+ nitrogen	vol 10		301
	+ radon-222	vol 2		338
	+ xenon-133	vol 2		206
Lecithin (benzene solution)				
	+ argon	vol 4		250
	+ oxygen	vol 7		395
Leucyl glycine, monosodium salt (aqueous)				
	+ iodic acid, calcium salt	vol 14	E76,	E77,
				128
Levulose				
	see D-fructose			
Linoleic acid				
	see (ZZ)-9-12-Octadecadienoic acid			
Lipoidal suspension				
	+ nitrogen	vol 10		303
Lithium aluminium chloride (in 4-methyl-1,3-dioxolan-2-one solution)				
	+ oxygen	vol 7		184
Lithium bromide				
	+ acetamide, N,N-dimethyl-	vol 11	E313,	314
	+ formamide	vol 11	E4,	5,
	+ formamide, N,N-dimethyl-	vol 11	157,	158
	+ formamide, N-methyl-	vol 11	E156,	94,
Lithium bromide (aqueous)				95
	+ oxygen	vol 7	E66,	E67,
Lithium carbonate				134
	see Carbonic acid, lithium salt			
Lithium chloride				
	+ acetamide, N-methyl-	vol 11	E255,	256,
	+ acetamide, N,N-dimethyl-	vol 11	E309,	E310,
	+ butyltrisopentylammonium tetr phenylborate + ethanol	vol 18	311,	312
				87

Lithium chloride				
+ cesium tetraphenylborate + ethanol	vol 18			69
+ formamide	vol 11	E1,	2,	3
+ formamide, N-methyl-	vol 11	E88,	89 -	92
+ formamide, N,N-dimethyl-	vol 11	E151,	152 -	155
+ potassium tetraphenylborate + ethanol	vol 18		25,	26
+ rubidium tetraphenylborate + ethanol	vol 18			51
Lithium chloride (aqueous)				
+ argon	vol 4	E33 -	36,	
44 -	48,	69		
+ butyltrisopentylammonium tetraphenylborate + ethanol	vol 18			85
+ cesium tetraphenylborate + sodium hydroxide + methanol	vol 18		61,	62
+ chlorine	vol 12			E349
+ ethane	vol 9	E30,	E31,	
44,	45			
+ helium	vol 1	E20,	29	
+ hydrogen	vol 5/6	44,	61 -	63
+ iodic acid, calcium salt	vol 14	E70 -	E72,	
		91,	92	
+ krypton	vol 2			
+ neon	vol 1	E141,	161,	173,
			175,	178
+ nitric oxide	vol 8			333
+ nitrogen	vol 10	E45 -	E47,	
		E49,	64	
+ nitrous oxide	vol 8	E32,	E39,	
		76 -	78	
+ oxygen	vol 7	E66 -	E67,	129,
			130,	133
+ potassium tetraphenylborate + sodium hydroxide + methanol	vol 18		27 -	29
Lithium chloride (aqueous, N,N-dimethyl formamide)				
+ argon	vol 4	E34 -	36	
Lithium chloride (in 4-methyl-1,3-dioxolan-2-one solution)				
+ oxygen	vol 7			183
Lithium fluoride				
+ formamide, N,N-dimethyl-	vol 11	E148,	149,	150
Lithium fluoride (aqueous)				
+ oxygen	vol 7	E66,	E67,	132
Lithium hydroxide (aqueous)				
+ oxygen	vol 7	E66,	E67,	131
Lithium iodate				
see Iodic acid, lithium salt				
Lithium iodide				
+ acetamide, N,N-dimethyl-	vol 11		E315,	316
Lithium iodide (aqueous)				
+ helium	vol 1	E20,	29	
+ neon	vol 1	E141,	176,	178
+ oxygen	vol 7	E66,	E67,	135
Lithium nitrate				
see Nitric acid, lithium salt				
Lithium perchlorate				
see Perchloric acid, lithium salt				
Lithium sulfate				
see Sulfuric acid, lithium salt				
Lithium tetrachloro aluminate (1-) (in thionyl chloride solution)				
+ sulfur dioxide	vol 12		330,	331

Lithium tetraphenylborate			
+ 2-propanone	vol 18		2
+ water	vol 18		1
Lithium thiocyanate			
see Thiocyanic acid, lithium salt			
Liver			
see Human fetal liver, Rabbit liver, Guinea pig liver			
Lung			
see Guinea pig lung, human fetal lung, human lung homogenate			
Lung homogenate, human			
see Human lung homogenate			
Lung tissue (dog)			
+ ethane	vol 9	E195 -E199,	231
Lutetium nitrate			
see Nitric acid, lutetium salt			
Lymph nodes			
see Guinea pig lymph nodes			
Lysine			
+ oxygen	vol 7		407
L-1822 (mixture of mostly 10-carbon fluorocarbons)			
+ air	vol 10		529
+ nitrogen	vol 10		251

Mackerel oil			
+ oxygen	vol 7	362,	363
Magnesium bisulfite			
see Sulfurous acid, magnesium salt			
Magnesium bromate			
see Bromic acid, magnesium salt			
Magnesium chlorate			
see Chloric acid, magnesium salt			
Magnesium chloride (aqueous)			
+ argon	vol 4	E33,	43
+ iodic acid, barium salt	vol 14	276	
+ iodic acid, calcium salt	vol 14	E70,	E73,
		148 -	150
+ neon	vol 1	E141,	147
+ nitrous oxide	vol 8	E30,	64
+ oxygen	vol 7	E65,	119 - 121
Magnesium chloride			
+ acetamide, N,N-dimethyl-	vol 11	E333,	334
+ formamide	vol 11	E72,	73
+ formamide, N,N-dimethyl-	vol 11	E235,	236,
+ formamide, N-methyl-	vol 11	E142,	143
Magnesium iodate			
see Iodic acid, magnesium salt			
Magnesium iodide			
+ acetamide, N,N-dimethyl-	vol 11	E335,	336
+ formamide, N,N-dimethyl-	vol 11	E238,	239
Magnesium lanthanum nitrate			
see Nitric acid, magnesium lanthanum salt			
Magnesium nitrate			
see Nitric acid, magnesium salt			
Magnesium sulfate			
see Sulfuric acid, magnesium salt			
Maltose			
see 4-O- α -D-glucopyranosyl-D-glucose			
Mandelic acid, monosodium salt (aqueous)			
+ iodic acid, calcium salt	vol 14	E75,	E76,
		125 -	127
Manganese acetate			
see acetic acid, manganese salt			
Manganese chloride (aqueous)			
+ nitric oxide	vol 8	E266,	330,
+ oxygen	vol 7	E64,	106
Manganese nitrate			
see Nitric acid, manganese salt			
Manganese sulfate			
see Sulfate acid, manganese salt			
Manganous sulfate			
see Sulfuric acid, manganese (2+) salt (1:1)			
D-Mannitol (aqueous)			
+ hydrogen	vol 5/6	314	
Mercury acetate			
see acetic acid, mercury salt			
Mercury chloride (aqueous)			
+ radon-222	vol 2	E238 -	241,
		247	
Mesitylene			
see Benzene, 1,3,5-trimethyl-			
Methanamine			
+ hydrogen	vol 5/6	E481,	484,
		485	
Methanamine, N,N-dimethyl- (aqueous)			
+ nitric acid, neodymium salt	vol 13	322	
+ nitric acid, neodymium salt			
+ nitric acid, tetramethylammonium			
salt	vol 13	323	

Methanamine, N-methyl-			
+ sulfur dioxide	vol 12		297
+ water	vol 13		207
Methanamine, N-methyl- (aqueous)			
+ nitric acid, cerium salt	vol 13		207
Methanamine, N-methyl-, nitrate			
+ water	vol 13	90,	91
Methanamine, N-methyl-, nitrate (aqueous)			
+ nitric acid, lanthanum salt	vol 13	90,	91
Methanamine, N-methyl-N-nitroso-			
+ oxygen	vol 7		350
Methanamine nitrate			
+ water	vol 13	205,	206
Methanamine nitrate (aqueous)			
+ nitric acid, cerium salt	vol 13	205,	206
Methanaminium, N,N,N-trimethyl-, bromide (aqueous)			
+ argon	vol 4	E33 -	34,
+ ethane	vol 9	39 -	40
Methanaminium, N,N,N-trimethyl-, hydroxide (aqueous)		E29,	E30,
+ hydrogen	vol 5/6	100,	101
Methanaminium, N,N,N-trimethyl-, iodide (aqueous)			
+ helium	vol 1	E20,	25
+ krypton	vol 2	E12,	E13,
Methanaminium, N,N,N-trimethyl-, nitrate (aqueous)			
+ nitric acid, neodymium salt	vol 13		323
Methane			
+ argon	vol 4	E261,	262 - 268
+ argon + nitrogen	vol 4		312 - 313
+ helium	vol 1	E263,	264
+ hydrogen	vol 5/6	E321,	322 - 331
+ hydrogen deuteride	vol 5/6		E299
+ neon	vol 1	E255,	357
+ nitrogen	vol 10	E361,	E362,
			363 - 375
Methane (multicomponent)			
+ hydrogen	vol 5/6	552,	553, 565
Methane (ternary)			
+ hydrogen	vol 5/6	530 -	542,
		549 -	551,
			556, 557
+ nitrogen	vol 10	376 -	386, 482,
			482, 498 - 501
Methane, chloro-			
+ sulfur dioxide	vol 12	E1,	E2
Methane, chlorodifluoro-			
+ argon	vol 4	E253 -	255, 308
+ hydrogen	vol 5/6		515, 516
+ ozone	vol 7		489
+ nitrogen	vol 10		455, 456
Methane, chlorotrifluoro-			
+ ozone	vol 7		489
+ nitrogen	vol 10	234,	460, 461
Methane, dichloro-			
+ chlorine	vol 12	E354 -	E366, 393
+ oxygen	vol 7		452
+ sulfur dioxide	vol 12		E1, E2
Methane, dichlorodifluoro-			
+ helium	vol 1		E254, 280
+ krypton	vol 2		87
+ ozone	vol 7		489
+ nitrogen	vol 10		235, 457
+ xenon	vol 2		173

Methane, dimethoxy-			
+ oxygen	vol 7		305
+ sulfur dioxide	vol 12		234
Methane, nitro-			
+ argon	vol 4		227
+ helium	vol 1		104
+ krypton	vol 2		103
+ neon	vol 1		245
+ nitrogen	vol 10		260
+ silver cyanide + tetraethylammonium cyanide + perchloric acid, tetraethylammonium salt	vol 3		85
+ silver tetr phenylborate + perchloric acid, sodium salt	vol 18		171
+ sodium tetr phenylborate	vol 12		264, 265
+ sulfur dioxide			
+ tetraphenylarsonium tetraphenylborate (1-)	vol 18		222
+ thiocyanic acid, silver salt + thiocyanic acid, tetraethylammonium salt + perchloric acid, tetraethylammonium salt	vol 3		227
+ xenon	vol 2		187
Methane, nitro- (aqueous)			
+ argon	vol 4	E80 - 84,	106
+ helium	vol 1		39
+ oxygen	vol 7		349
Methane, 1,1-sulfinylbis-			
+ deuterium	vol 5/6	E281, 292,	293
+ ethane	vol 9	E195 - E199,	221, 222
+ helium	vol 1		99
+ hydrogen	vol 5/6	E259, 260,	261
+ krypton	vol 2		101
+ neon	vol 1		244
+ nitrogen	vol 10		E253, 258
+ silver azide + tetraethylammonium azide + nitric acid, tetraethylammonium salt	vol 3		E23, 24
+ silver cyanide + tetraethylammonium cyanide + perchloric acid, tetraethylammonium salt	vol 3		84
+ silver tetr phenylborate (1-)	vol 18	E158, 159,	162
+ silver tetr phenylborate + perchloric acid, sodium salt	vol 18		160
+ sodium tetr phenylborate	vol 18		161
+ silver tetr phenylborate + sodium tetr phenylborate	vol 18		
+ sulfur dioxide	vol 12	E318, 319 - 322	
+ tetraphenylarsonium tetraphenylborate (1-)	vol 18	E203, 204 - 207	
+ thallium (1) tetr phenylborate (1-)	vol 18		181
+ thiocyanic acid, silver salt + thiocyanic acid, tetraethylammonium salt + perchloric acid, tetraethylammonium salt	vol 3		E213, 216
+ xenon	vol 2		184
Methane, 1,1-sulfinylbis- (aqueous)			
+ argon	vol 4		226
+ ethane	vol 9		E64, 67
+ potassium tetr phenylborate	vol 18		24
+ oxygen	vol 7		346 - 348
+ silver azide + tetraethylammonium azide + perchloric acid, tetraethylammonium salt	vol 3		E23, 25
+ silver cyanide + tetraethylammonium cyanide + perchloric acid, tetraethylammonium salt	vol 3		18
+ sulfur dioxide	vol 12		113
+ thiocyanic acid, silver salt + nitric acid, silver salt + perchloric acid, tetraethylammonium salt	vol 3		E213, 215

Methane, 1,1-sulfinybis- (aqueous)		
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt		
+ nitric acid, potassium salt	vol 3	E213, 214
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt		
+ perchloric acid, potassium salt	vol 3	E185, 187
+ thiocyanic acid, silver salt + thiocyanic acid,		
tetraethylammonium salt + perchloric acid, tetraethylammonium		
salt	vol 3	E185, 186
Methane, 1,1-sulfinylbis- (quaternary)		
+ hydrogen	vol 5/6	100, 101
Methane, tetrachloro-		
+ argon	vol 4	213, E214,
+ chlorine	vol 12	E253 - 255, 309 E354 - E366, E395 - E397, 398 - 409, 411
+ deuterium	vol 5/6	E281, 290
+ ethane	vol 9	E138 - E141, 152, 153
+ hydrogen	vol 5/6	E238, 245, 246
+ krypton	vol 2	88
+ nitric oxide	vol 8	E336, 346, 347
+ nitrogen	vol 10	236, 252, 458
+ nitrous oxide	vol 8	E161, 218 - 220
+ oxygen	vol 7	304, 306 - 308, 452
+ ozone	vol 7	486 - 488, 492
+ sulfur dioxide	vol 12	E1, E2, E298, 300, 303, 304
+ xenon	vol 2	176
Methane, tetrachloro- (ternary)		
+ sulfur dioxide	vol 12	316
Methane, tetrachloro- (quaternary)		
+ chlorine	vol 12	411
Methane, tetrafluoro-		
+ hydrogen	vol 5/6	E238, 247
+ nitrogen	vol 10	234, 459 - 461
Methane, tribromo-		
+ krypton	vol 2	88
Methane, trichloro-		
+ argon	vol 4	212
+ chlorine	vol 12	E354 - E366, 394
+ hydrogen	vol 5/6	E185, 191 - 193
+ krypton	vol 2	88
+ nitrogen	vol 10	232, 233
+ nitrous oxide	vol 8	E161, 220 - 222
+ oxygen	vol 7	452
+ ozone	vol 7	484, 492
+ radon-222	vol 2	318
+ sulfur dioxide	vol 12	E1, E2, E298, 299 - 302
+ tris(0-phenanthroline)ruthenium (11) tetraphenylborate (1-)	vol 18	123
+ xenon	vol 2	175
Methane, trichloro- (aqueous)		
+ sulfur dioxide	vol 12	106
Methane, trichlorofluoro-		
+ ozone	vol 7	485, 489
Methanesulfenyl chloride trichloro-		
+ chlorine	vol 12	E354 - E366, 410
+ sulfur dioxide	vol 12	E174 175 - 177, 180

Methanesulfenyl chloride, trichloro- (quaternary)		
+ chlorine	vol 12	411
Methanol		
+ argon	vol 4	E169 - 171, 172 - 175, E253 - 255, 282
+ butyltriisopentylammonium tetraphenylborate	vol 18	88
+ cesium tetraphenylborate	vol 18	71
+ ethane	vol 9	E166, E167, 168 - 171, E232, E233, 247, 248
+ helium	vol 1	81, E255
+ hydrogen	vol 5/6	E185, 191 - 193, 435, 436 - 440
+ krypton	vol 2	E71, 72
+ neon	vol 1	226
+ nitric oxide	vol 8	E336, 342
+ nitrogen	vol 10	E174, E177, E178, 179 - 183, 446
+ nitrous oxide	vol 8	E160, 183 - 187
+ oxygen	vol 7	E262, 268, 269, 304, 452
+ potassium tetraphenylborate	vol 18	38
+ radon-222	vol 2	272
+ silver azide + sodium azide + nitric acid, tetraethylammonium salt	vol 3	28
+ silver tetraphenylborate (1-)	vol 18	166
+ silver tetraphenylborate + sodium tetraphenylborate + nitric acid, sodium salt	vol 18	167
+ silver tetraphenylborate + sodium tetraphenylborate + sodium bromide	vol 18	168, 169
+ sulfur dioxide	vol 12	E174, 175 - 177, 180
+ tetra-N-butylammonium tetraphenylborate	vol 18	101
+ tetraphenylarsonium tetraphenylborate (1-)	vol 18	E217, 218 - 220
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt + nitric acid, potassium salt	vol 3	E223, 226
+ thiocyanic acid, silver salt + thiocyanic acid, sodium salt	vol 3	E223, 224 - 225
+ thiocyanic acid, silver salt + thiocyanic acid, tetraethylammonium salt + nitric acid, tetraethylammonium salt	vol 3	E223, 226
+ tris(O-phenanthroline)ruthenium (II) tetraphenylborate (1-)	vol 18	130
Methanol (aqueous)		
+ argon	vol 4	E80 - 84, 85
+ cesium tetraphenylborate + lithium chloride + sodium hydroxide	vol 18	61, 62
+ iodic acid, barium salt	vol 14	E251, E252, 298
+ iodic acid, calcium salt	vol 14	165
+ nitrogen	vol 10	E83, 86, 87
+ neon	vol 1	179
+ nitrous oxide	vol 8	117
+ oxygen	vol 7	E190, 193, 194
+ potassium tetraphenylborate + lithium chloride + sodium hydroxide	vol 18	27 - 29
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt + nitric acid, potassium salt	vol 3	E200, 201 - 202

Methanol (aqueous)		
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt		
+ perchloric acid, potassium salt	vol 3	E200, 203 - 204
+ sulfur dioxide	vol 12	108, 109
Methanol (aqueous 1,2-ethanediol)	vol 4	97
+ argon		
Methanol (aqueous 1,2,3-propanetriol)	vol 4	99
+ argon		
Methanol (ternary and multicomponent)		
+ hydrogen	vol 5/6	567, 568
+ nitric oxide	vol 8	319
+ nitrogen	vol 10	495
+ oxygen	vol 7	188, 189, 192, 419
+ sulfur dioxide	vol 12	178, 179
Methicillin sodium		
see 4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[(2,6-dimethoxybenzoyl)amino]-3,3-dimethyl-7-oxo, monosodium salt		
2-Methoxyethanol		
see Ethanol, 2-methoxy-		
3-Methyoxyulfolane		
see Thiophene, tetrahydro-3-methoxy-, 1,1-dioxide		
Methylacetate		
see Acetic acid, methyl ester		
N-Methylacetamide		
see acetamide, N-methyl-		
Methylal		
see Methane, dimethoxy-		
2-Methyl aminobenzene		
see Benzenamine, 2-methyl-		
Methylammonium tetraphenylborate		
+ water	vol 18	94
N-Methylaniline		
see Benzenamine, N-methyl-		
2-Methylaniline		
see Benzenamine, 2-methyl-		
3-Methylaniline		
see Benzenamine, 3-methyl-		
Methylbenzene		
see Benzene, methyl-		
Methyl benzoate		
see Benzoic acid, methyl ester		
2-Methyl-1-butanol		
see 1-Butanol, 2-methyl-		
3-Methyl-1-butanol		
see 1-Butanol, 3-methyl-		
2-Methyl-2-butanol		
see 2-Butanol, 2-methyl-		
3-Methyl-2-butanol		
see 2-Butanol, 3-methyl-		
3-Methyl-1-butene		
see 1-Butene, 3-methyl-		
Methyl butyl ethanoate		
see 1-Butanol, 3-methyl-, acetate		
Methyl butyl ketone		
see 2-Hexanone		
Methyl isobutyl ketone		
see 2-Butanone, 3,3-dimethyl-		
Methyl cellosolve		
see Ethanol, 1-methoxy-		
Methylcyclohexane		
see Cyclohexane, methyl-		

Methylcyclohexane, tetrafluorodeca-
see Cyclohexane, undecafluoro (trifluoromethyl)-

4-Methyl-1,3-dioxolan-2-one
see 1,3-dioxolane-2-one, 4-methyl-

Methylene dichloride
see Methane, dichloro-

1-Methylethylcyclohexane
see Cyclohexane, 1-methylethyl-

Methylethylketone
see 2-Butanone

Methyl formate
see Formic acid, methyl ester

2-Methylheptane
see Heptane, 2-methyl-

3-Methylheptane
see Heptane, 3-methyl-

2-Methyl-2-heptanol
see 2-Heptanol, 2-methyl-

3-Methyl-3-heptanol
see 3-Heptanol, 3-methyl-

2-Methyl-2-hexanol
see 2-Hexanol, 2-methyl-

5-Methyl-2-hexanol
see 2-Hexanol, 5-methyl-

2-Methyl-3-hexanol
see 3-Hexanol, 2-methyl-

3-Methyl-3-hexanol
see 3-Hexanol, 3-methyl-

Methylhexylketone,
see 2-Octanone

Methylhydrazine
see Hydrazine, methyl-

1-Methylnaphthalene
see Naphthalene, 1-methyl-

1-Methyl-2-nitrobenzene
see Benzene, 1-methyl-2-nitro-

N-Methyl-N-nitrosomethanamine
see methanamine, N-methyl-N-nitroso-

7-Methyl-1-octanol
see 1-Octanol, 7-methyl-

5-Methyl-N-methylpyrrolidinone
see 2-pyrrolidinone, 1,5-dimethyl-

4-Methyl-1-pentanol
see 1-Pentanol, 4-methyl-

2-Methyl-1-pentanol
see 1-Pentanol, 2-methyl-

2-Methyl-2-pentanol
see 2-Pentanol, 2-methyl-

3-Methyl-2-pentanol
see 2-Pentanol, 3-methyl-

4-Methyl-2-pentanol
see 2-Pentanol, 4-methyl-

2-Methyl-3-pentanol
see 3-Pentanol, 2-methyl-

3-Methyl-3-pentanol
see 3-Pentanol, 3-methyl-

4-Methyl-2-pentanone
see 2-Pentanone, 4-methyl-

4-Methyl-1-penten-3-ol
see 1-Penten-3-ol, 4-methyl-

Methyl phenyl ketone
see Ethanone, 1-phenyl-

1-Methylpiperidine
see Piperidine, 1-methyl-

- Methylprednisolone sodium succinate
see Pregn-1,4-diene-3,20-dione, 21-(3-carboxy-1-oxopropoxy)
-11,17-dihydroxy-6-methyl-, monosodium salt, (6 α ,11 β)-
- 2-Methylpropane
see Propane, 2-methyl-
- 2-Methylpropanoic acid
see Propanoic acid, 2-methyl-
- 2-Methyl-1-propanol
see 1-Propanol, 2-methyl-
- 2-Methyl-2-propanol
see 2-Propanol, 2-methyl-
- 2-Methyl-1-propene
see 1-Propene, 2-methyl-
- (1-Methylpropyl) benzene
see Benzene, (1-methylpropyl)-
- 1-Methyl-4-propylbenzene
see Benzene, 1-methyl-4-propyl-
- Methyl-N-propyl carbinol
see 2-pentanol
- Methylisopropyl carbinol
see 2-Butanol, 3-methyl-
- Methyl-propyl ethanoate
see Acetic acid, 2-methylpropyl ester
- Methylpropylketone
see 2-Pentanone
- Methyl pyridine
see Pyridine, methyl-
- 1-Methylpyrrolidine
see Pyrrolidine, 1-methyl-
- 1-Methyl-2-pyrrolidinone
see 2-Pyrrolidinone, 1-methyl-
- N-Methyl-2-pyrrolidinone
see 2-Pyrrolidinone, 1-methyl-
- Methyl salicylate
see Benzoic acid, 2-hydroxy-, methyl ester
- Methylstyrene
see Benzene, (1-methylethenyl)-
- 3-Methylsulfolane
see Thiophene, tetrahydro-3-methyl-, 1,1-dioxide
- Methyl tricyanamide argentate
+ water vol 3 36 - 37
- Meticortelone
see Pregn-1,4-diene-3,20-dione, 21-(3-carboxy-1-oxopropoxy)
-11,17-dihydroxy-, monosodium salt, (11 α)-
- Mineral oil
see Oil, mineral
- Molasses
+ oxygen vol 7 422
- Monoethanolamine
see Ethanol, 2-amino-
- Monosodium Glutamate
see DL-glutamic acid, monosodium salt
- Monosodium glycinate
see Glycine, monosodium salt
- Muscle
see Guinea pig muscle and Rabbit muscle
- Myocardium
see Dog myocardium
- Myoglobin
see Horse heart myoglobin

Nafcillin sodium			
see 4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[(2-ethoxy-1-naphthalenyl)carbonyl]amino]- 3,3-dimethyl-7-oxo-, monosodium salt			
Naphtha			
+ nitrogen	vol 10		503
Naphthalene, decahydro-			
+ ethane	vol 9	E138 -E141,	151
+ hydrogen	vol 5/6		393
+ sulfur dioxide	vol 12	129, 140, 144, E147	143
Naphthalene, decahydro-,cis-			
+ hydrogen	vol 5/6		156, 157
Naphthalene, decahydro-,trans-			
+ hydrogen	vol 5/6		156, 158
Naphthalene, heptadecafluorodecahydro(trifluoromethyl)-			
+ oxygen	vol 7		340
Naphthalene, 1-methyl-			
+ ethane	vol 9	E138 -E141,	160
+ hydrogen	vol 5/6	427 -	430
+ nitrogen	vol 10		172
Naphthalene, octadecafluorodecahydro-			
+ air	vol 10		527
+ oxygen	vol 7		336
Naphthalene, 1,2,3,4-tetrahydro-			
+ hydrogen	vol 5/6		185, 426
+ krypton	vol 2		61
+ nitrogen	vol 10		280
+ oxygen	vol 7		368
+ sulfur dioxide	vol 12	129, 140, E147	
Naphthalene, 1,2,3,4-tetrahydro- (ternary)			
+ hydrogen	vol 5/6		556 - 561
Neodymium cobalt nitrate			
see Nitric acid, cobalt neodymium salt			
Neodymium manganese nitrate			
see Nitric acid, manganese neodymium salt			
Neodymium nickel nitrate			
see Nitric acid, neodymium nickel salt			
Neodymium nitrate			
see Nitric acid, neodymium salt			
Neon			
+ deuterium	vol 5/6		E581, 582
+ helium	vol 1		E324, 325
+ hydrogen	vol 5/6	E581,	583 - 589
Nickel acetate			
see Acetic acid, nickel salt			
Nickel nitrate			
see Nitric acid, nickel salt			
Nickel sulfate			
see Sulfuric acid, nickel salt			
Nickelous sulfate			
see Sulfuric acid, nickel salt			
Nitrate barium			
see Nitric acid, barium salt			
Nitrate calcium			
see Nitric acid, calcium salt			
Nitrate cesium			
see Nitric acid, cesium salt			
Nitrate lithium			
see Nitric acid, lithium salt			
Nitrate magnesium			
see Nitric acid, magnesium salt			

Nitrate sodium		
see Nitric acid, sodium salt		
Nitrate, lead		
see Nitric acid, lead salt		
Nitrate, silver		
see Nitric acid, silver salt		
Nitrate, sodium		
see Nitric acid, sodium salt		
Nitric acid		
+ helium	vol 1	E20, 23
+ hydrogen	vol 5/6	E28, 41
+ krypton	vol 2	E12, E13, 16
+ nitric oxide	vol 8	E28, E40, 43
+ nitrogen	vol 10	531
+ oxygen	vol 7	E61, E62, 84 - 96
+ ozone	vol 7	487, 488
+ silver cyanide + sulfuric acid + hydrogen cyanide	vol 3	E86
+ silver cyanamide + nitric acid, potassium salt + water	vol 3	33
Nitric acid (aqueous)		
+ iodic acid, barium salt	vol 14	E246, 297
Nitric acid (multicomponent)		
+ ozone	vol 7	487, 488
Nitric acid, aluminium salt		
+ water	vol 13	31, 319
Nitric acid, aluminium salt (aqueous)		
+ nitrous oxide	vol 8	E29, E30, 63
Nitric acid, ammonium salt (aqueous)		
+ hydrogen	vol 5/6	E29, 46
+ nitric acid	vol 13	390
+ nitric acid, cerium salt	vol 13	185, 186
		203, 204
+ nitric acid, cerium salt + nitric acid, magnesium salt	vol 13	185, 186
		390
+ nitric acid, gadolinium salt	vol 13	85
+ nitric acid, lanthanum salt	vol 13	185, 186
+ nitric acid, magnesium salt	vol 13	32, 33, 34
+ nitric acid, yttrium salt	vol 13	34
+ nitric acid, yttrium salt + nitric acid	vol 8	E29, 50, 51
		243
+ radon-222	vol 2	E238 - E241,
+ sulfur dioxide	vol 12	E37 - E39, 62
+ water	vol 13	32, 33, 85,
		203, 204
Nitric acid, ammonium cerium IV salt		
+ phosphoric acid tributyl ester	vol 13	240
+ water	vol 13	236, 237
Nitric acid, ammonium cerium IV salt (aqueous)		
+ nitric acid	vol 13	238, 239
Nitric acid, ammonium cerium salt		
+ water	vol 13	E221, 234
Nitric acid, ammonium cerium salt (aqueous)		
+ nitric acid	vol 13	E221, 235
Nitric acid, ammonium lanthanum salt		
+ water	vol 13	E148, 155
Nitric acid, barium salt		
+ water	vol 14	219, 220
		191

Nitric acid, barium salt (aqueous)			
+ bromic acid, barium salt	vol 14	234,	241
+ chloric acid, barium salt	vol 14	E210,	219,
+ chloric acid, barium salt			220
+ barium bromide	vol 14	E210,	221,
+ iodic acid, barium salt	vol 14		E250,
			E251,
+ neon	vol 1	279,	280,
+ nitric acid, cerium salt	vol 13		292
+ nitric acid, lanthanum salt	vol 13		E141,
+ radon-222	vol 2		160
+ silver cyanide + silver iodide + potassium cyanide + potassium iodide + nitric acid, potassium salt	vol 3	E238 -E241,	191
			250
			65
			81
Nitric acid, beryllium salt			
+ water	vol 13	180,	181
Nitric acid, beryllium salt (aqueous)			
+ nitric acid, cerium salt	vol 13	180,	181
Nitric acid, cadmium salt			
+ water	vol 13	199,	200
Nitric acid, cadmium salt (aqueous)			
+ nitric acid, cerium salt	vol 13	199,	200
+ nitrous oxide	vol 8	E29,	E30,
Nitric acid, calcium salt			54
+ water	vol 13	187,	188
Nitric acid, calcium salt (aqueous)			
+ iodic acid, barium salt	vol 14	278	
+ neon	vol 1		E141,
+ nitric acid, cerium salt	vol 13	154	
+ nitrous oxide	vol 8	187,	188
+ oxygen	vol 7	E31,	73
Nitric acid, cerium salt			
+ 1,4-dioxane	vol 13	E66,	124
+ ethane, 1,1'-oxybis-	vol 13	E221,	224
+ phosphoric acid, tributyl ester	vol 13		222,
+ water	vol 13		223
		E221,	225
			E156 -E162,
			163 - 182,
			187 - 202
Nitric acid, cerium salt (aqueous)			
+ acetamide, N-(aminocarbonyl)-	vol 13	220	
+ aniline nitrate	vol 13		215
+ cerium chloride	vol 13		192
+ ethanamine, N-ethyl-	vol 13		208
+ 1,2-ethanediamine, dinitrate	vol 13	209,	210
+ hydrazine mononitrate	vol 13	201,	202
+ methanamine nitrate	vol 13	205,	206
+ methanamine, N-methyl-	vol 13	207	
+ nitric acid	vol 13	E161, E162,	
		167 - 170	
+ nitric acid, ammonium salt	vol 13	185,	186
			203,
+ nitric acid, barium salt	vol 13	191	
+ nitric acid, beryllium salt	vol 13		180,
+ nitric acid, cadmium salt	vol 13	199,	200
+ nitric acid, calcium salt	vol 13	187,	188
+ nitric acid, cesium salt	vol 13	E161, E162,	
		178,	179
+ nitric acid, copper salt	vol 13	196 - 198	
+ nitric acid, lithium salt	vol 13		171,
+ nitric acid, magnesium salt	vol 13	E162,	172
+ nitric acid, magnesium salt + nitric acid, ammonium salt	vol 13	182 - 186	
+ nitric acid, magnesium salt + nitric acid, nickel salt	vol 13	185,	186
+ nitric acid, magnesium salt + nitric acid, nickel salt	vol 13		183,
			184

Nitric acid, cerium salt (aqueous)			
+ nitric acid, manganese salt	vol 13	193,	194
+ nitric acid, nickel salt	vol 13	183,	184,
+ nitric acid, potassium salt	vol 13	E161,	E162,
		174,	175
+ nitric acid, rubidium salt	vol 13	E161,	E162,
		176,	177
+ nitric acid, sodium salt	vol 13		173
+ nitric acid, strontium salt	vol 13	189,	190
+ piperidine nitrate	vol 13	211,	212
+ pyridine nitrate	vol 13	213,	214
+ thiourea	vol 13		219
+ urea	vol 13	216,	217
+ urea mononitrate	vol 13		218
Nitric acid, cerium cobalt salt (aqueous)			
+ nitric acid	vol 13	E221,	231
Nitric acid, cerium magnesium salt (aqueous)			
+ nitric acid	vol 13		229
Nitric acid, cerium magnesium salt			
+ water	vol 13	E226,	E227,
Nitric acid, cerium manganese salt (aqueous)		228	
+ nitric acid	vol 13	E221,	230
Nitric acid, cerium nickel salt (aqueous)			
+ nitric acid	vol 13	E221,	232
Nitric acid, cerium zinc salt (aqueous)			
+ nitric acid	vol 13	E221,	233
Nitric acid, cesium salt			
+ water	vol 13	61	178,
Nitric acid, cesium salt (aqueous)		179	
+ neon	vol 1	E141,	172
+ nitric acid, cerium salt	vol 13	E161,	E162,
		178,	179
+ nitric acid, lanthanum salt	vol 13		61
+ oxygen	vol 7	E75,	138
Nitric acid, cobalt salt			
+ water	vol 13	30,	80
Nitric acid, cobalt salt (aqueous)			
+ nitric acid, lanthanum salt	vol 13		80
+ nitric acid, yttrium salt	vol 13		30
Nitric acid, cobalt gadolinium salt (aqueous)			
+ nitric acid	vol 13		406
Nitric acid, cobalt lanthanum salt (aqueous)			
+ nitric acid	vol 13	E109,	152
Nitric acid, cobalt neodymium salt			
+ water	vol 13		350
Nitric acid, cobalt neodymium salt (aqueous)			
+ nitric acid	vol 13		349
Nitric acid, cobalt praseodymium salt			
+ water	vol 13		295
Nitric acid, cobalt praseodymium salt (aqueous)			
+ nitric acid	vol 13		294
Nitric acid, cobalt samarium salt (aqueous)			
+ nitric acid	vol 13		373
Nitric acid, copper salt			
+ water	vol 13	196 -	198
Nitric acid, copper salt (aqueous)			
+ nitric acid, cerium salt	vol 13	196 -	198
+ nitrous oxide	vol 8	E29,	E30,
Nitric acid, copper praseodymium salt		55	
+ water	vol 13		298
Nitric acid, dysprosium salt			
+ water	vol 13	E414 -E417,	
		418 -	428

Nitric acid, dysprosium salt (aqueous)			
+ aniline nitrate	vol 13	E416, E417,	424
+ 1,2-ethanediamine dinitrate	vol 13		421
+ 1,6-hexanediamine dinitrate	vol 13		422
+ nitric acid	vol 13	E415 -E417,	420
+ pyridine nitrate	vol 13	E416, E417,	423
+ quinoline nitrate	vol 13	E416, E417,	425
+ quinoline, 8-methyl-, nitrate	vol 13	E416, E417,	426
+ urea	vol 13	E416, E417,	426
			428
Nitric acid, endymium salt			
+ nitric acid, praseodymium salt	vol 13		284
+ propane, 2,2'-oxybis-			
Nitric acid, erbium salt			
+ ethane, 1,1'-oxybis-	vol 13		448
+ water	vol 13	E434 -E436,	
		437 - 443,	
		445 - 447	
Nitric acid, erbium salt (aqueous)			
+ acetamide	vol 13		447
+ acetamide, N-(aminocarbonyl)-	vol 13		446
+ nitric acid	vol 13		439, 440
+ pyridine nitrate	vol 13		441
+ quinoline nitrate	vol 13		442
+ quinoline, 6-methyl-, nitrate	vol 13		443
+ urea	vol 13		444, 445
Nitric acid, europium salt			
+ water	vol 13	E376, E377,	378
			380
Nitric acid, europium salt (aqueous)			
+ nitric acid	vol 13		379
+ urea	vol 13		380
Nitric acid, gadolinium salt			
+ water	vol 13	E381 -E385,	
		386 - 389,	
		391 - 404	
Nitric acid, gadolinium salt (aqueous)			
+ diethylenetriamine trintrate	vol 13		395
+ 1,2-ethanediamine, dinitrate	vol 13		394
+ ethanol, 2-amino, nitrate	vol 13		391
+ ethanol, 2,2'-iminobis-, nitrate	vol 13		392
+ ethanol, 2,2',2''-nitrilotris-, nitrate	vol 13		393
+ 1,6-hexanediamine dinitrate	vol 13		396
+ nitric acid	vol 13	29, E384, E385,	
		389, 390	
+ nitric acid, ammonium salt			
+ nitric acid	vol 13		390
+ nitric acid, yttrium salt + nitric acid			
		vol 13	29
+ piperazine dinitrate	vol 13		402
+ piperidine nitrate	vol 13		401
+ pyridine nitrate	vol 13		397
+ quinoline nitrate	vol 13		398
+ quinoline, 8-methyl-, nitrate	vol 13		399
+ quinolinol, nitrate	vol 13		400
+ urea	vol 13		403
+ urea mononitrate	vol 13		404
Nitric acid, gadolinium magnesium salt (aqueous)			
+ nitric acid	vol 13		405
Nitric acid, gadolinium nickel salt (aqueous)			
+ nitric acid	vol 13		407

Nitric acid, gadolinium zinc nitrate (aqueous)			
+ nitric acid	vol 13		408
Nitric acid, holmium salt			
+ water	vol 13	E429,	430 - 433
Nitric acid, holmium salt (aqueous)			
+ nitric acid	vol 13		431, 432
+ urea	vol 13		433
Nitric acid, iron (2+) salt (aqueous)			
+ nitric oxide	vol 8	E265, E266,	286
Nitric acid, lanthanum salt			
+ 1,4-dioxane	vol 13	E109,	135
+ ethane, 1,1'-oxybis-	vol 13	E109,	132, 133
+ ethanol, 2-amino	vol 13	E109,	115
+ morpholine	vol 13	E109,	144
+ water	vol 13	E38 - E47,	
		48 - 72,	75,
		76,	79 - 108
Nitric acid, lanthanum salt, hexahydrate			
+ acetic acid, ethyl ester	vol 13	E109,	141
+ acetic acid, methyl ester	vol 13	E109,	140
+ acetonitrile	vol 13	E109,	142
+ benzenamine	vol 13	E109,	146
+ benzenamine, 2-methyl-	vol 13	E109,	145
+ benzenemethanol	vol 13	E109,	131
+ 1-butanol	vol 13	E109,	120
+ 2-butanol	vol 13	E109,	121
+ 1-butanol, 3-methyl-	vol 13	E109,	126
+ 2-butanol, 2-methyl-	vol 13	E109,	127
+ cyclohexanol	vol 13	E109,	130
+ cyclohexanone	vol 13	E109,	138
+ 1,4-dioxane	vol 13	E109,	136
+ ethane, 1,1'-oxybis-	vol 13	E109,	134
+ 1,2-ethanediol	vol 13	E109,	112
+ ethanol	vol 13	E109,	111
+ ethanol, 2-ethoxy-	vol 13	E109,	114
+ ethanol, 2-methoxy-	vol 13	E109,	113
+ formic acid, ethyl ester	vol 13	E109,	139
+ 1-hexanol	vol 13	E109,	128, 129
+ methanol	vol 13	E109,	110
+ 1-pentanol	vol 13	E109,	124
+ 3-pentanol	vol 13	E109,	125
+ phosphoric acid, tributyl ester	vol 13	E109,	147
+ 1,2,3-propanetriol	vol 13	E109,	119
+ 1-propanol	vol 13	E109,	116
+ 2-propanol	vol 13	E109,	117
+ 1-propanol, 2-methyl-	vol 13	E109,	122
+ 2-propanol, 2-methyl-	vol 13	E109,	123
+ 2-propanone	vol 13	E109,	137
+ 2-propene-1-ol	vol 13	E109,	118
Nitric acid, lanthanum salt (aqueous)			
+ acetic acid, lanthanum salt	vol 13		66
+ aniline nitrate	vol 13	104,	105
+ benzamide	vol 13		108
+ ethanamine, N,N-diethyl-	vol 13		95
+ ethanamine, N,N-diethyl-, nitrate	vol 13	96,	97
+ guanidine mononitrate	vol 13		92
+ 1-hexanol	vol 13	E39,	E47
+ hydrazine dinitrate	vol 13		88, 89
+ hydrazine mononitrate	vol 13		86, 87
+ lanthanum chloride	vol 13		69
+ methanamine, N-methyl-, nitrate	vol 13	90,	91

Nitric acid, lanthanum salt (aqueous)				
+ nitric acid	vol 13	28,	E39,	E45,
		E47	53 -	55
+ nitric acid, ammonium salt	vol 13	E45,	E47,	85
+ nitric acid, barium salt	vol 13			65
+ nitric acid, cesium salt	vol 13	E45,	E47,	61
+ nitric acid, cobalt salt	vol 13			80
+ nitric acid, magnesium salt	vol 13		62 -	64
+ nitric acid, manganese salt	vol 13			79
+ nitric acid, nickel salt	vol 13			81
+ nitric acid, neodymium salt	vol 13		E39,	E47,
			71,	72
+ nitric acid, neodymium salt + phosphoric acid, tributyl ester	vol 13		73,	74
+ nitric acid, potassium salt	vol 13		E45,	E47
			58,	59
+ nitric acid, praseodymium salt	vol 13			70
+ nitric acid, rubidium salt	vol 13	E45,	E47,	60
+ nitric acid, samarium salt	vol 13		75,	76
+ nitric acid, samarium salt???	vol 13		77,	78
+ nitric acid, sodium salt	vol 13			57
+ nitric acid, yttrium salt + nitric acid	vol 13			28
+ nitric acid, zinc salt	vol 13		82 -	84
+ oxalic acid, lanthanum salt	vol 13		67,	68
+ piperidine nitrate	vol 13		100,	101
+ 2-propanone	vol 13			56
+ pyridine nitrate	vol 13		102,	103
+ quinoline nitrate	vol 13		106,	107
Nitric acid, lanthanum manganese salt (aqueous)				
+ nitric acid	vol 13		E109,	151
Nitric acid, lanthanum magnesium salt				
+ water	vol 13		E148,	150
Nitric acid, lanthanum magnesium salt (aqueous)				
+ nitric acid	vol 13		E148,	149
Nitric acid, lanthanum nickel salt (aqueous)				
+ nitric acid	vol 13		E109,	153
Nitric acid, lanthanum zinc salt (aqueous)				
+ nitric acid	vol 13		E109,	154
Nitric acid, lead salt (aqueous)				
+ radon-222	vol 2	E238	-E241,	248
Nitric acid, lithium salt				
+ water	vol 13		171,	172
Nitric acid, lithium salt (aqueous)				
+ iodic acid, calcium salt				
+ chloric acid, lithium salt	vol 14			93
+ neon	vol 1		E141,	162
+ nitric acid, cerium salt	vol 13		171,	172
+ oxygen	vol 7	E66,	E67,	138
+ perchloric acid, lithium salt				
+ iodic acid, barium salt	vol 14			261
+ perchloric acid, lithium salt				
+ iodic acid, strontium salt	vol 14			199
Nitric acid, lutetium salt				
+ water	vol 13	E461,	462 -	464
Nitric acid, lutetium salt (aqueous)				
+ nitric acid	vol 13			463
+ urea	vol 13			464
Nitric acid, magnesium salt				
+ water	vol 13	62 -	64,	182
Nitric acid, magnesium salt				
+ water	vol 14		37 -	39
Nitric acid, magnesium salt (aqueous)				
+ bromic acid, barium salt	vol 14			233

Nitric acid, magnesium salt			
+ bromic acid, magnesium salt	vol 14		10
+ iodic acid, magnesium salt	vol 14	E17, 37 - 39	
+ neon	vol 1	E141, 149	
+ nitric acid, ammonium salt	vol 13	185, 186	
+ nitric acid, cerium salt	vol 13	E162, 182 - 186	
+ nitric acid, cerium salt + nitric acid, ammonium salt	vol 13	185, 186	
+ nitric acid, cerium salt + nitric acid, nickel salt	vol 13	183, 184	
+ nitric acid, lanthanum salt	vol 13	62 - 64	
+ nitric acid, nickel salt	vol 13	183, 184	
+ nitrous oxide	vol 8	E30, E31, 68, 69	
Nitric acid, magnesium neodymium salt			
+ water	vol 13	E339 -E341, 343, 344	
Nitric acid, magnesium neodymium salt (aqueous)			
+ nitric acid	vol 13	E339 -E441, 442, 445	
+ nitric acid, magnesium salt	vol 13	346	
Nitric acid, magnesium praseodymium salt			
+ water	vol 13	E286 -E285, 290, 291	
Nitric acid, magnesium praseodymium salt (aqueous)			
+ nitric acid	vol 13	E286 - 288, 289	
Nitric acid, magnesium samarium salt (aqueous)			
+ nitric acid	vol 13	371, 372	
Nitric acid, manganese salt			
+ water	vol 13	79, 193, 194	
Nitric acid, manganese salt (aqueous)			
+ nitric acid, cerium salt	vol 13	193, 194	
+ nitric acid, lanthanum salt	vol 13	79	
Nitric acid, manganese neodymium salt			
+ water	vol 13	348	
Nitric acid, manganese neodymium salt (aqueous)			
+ nitric acid	vol 13	347	
Nitric acid, manganese praseodymium salt			
+ water	vol 13	293	
Nitric acid, manganese praseodymium salt (aqueous)			
+ nitric acid	vol 13	E286 -E288, 292	
Nitric acid, neodymium salt			
+ 1,4-dioxane	vol 13	E335, 338	
+ ethane, 1,1'-oxybis-	vol 13	E335, 336, 337	
+ ethanol, 2-ethoxy- + nitric acid	vol 13	280	
praseodymium salt	vol 13	73, 74	
+ nitric acid, lanthanum salt + phosphoric acid, tributyl ester	vol 13		
+ nitric acid, praseodymium salt	vol 13	282	
+ ethane, 1,1'-oxybis-	vol 13	280	
+ nitric acid, praseodymium salt	vol 13	279	
+ ethanol, 2-ethoxy-	vol 13		
+ nitric acid, praseodymium salt	vol 13	E301 -E314, 316 - 334	
+ 2-methoxyethanol	vol 13		
+ water	vol 13		
Nitric acid, neodymium salt (aqueous)			
+ 2-butanamine nitrate	vol 13	326	
+ cyclohexanamine nitrate	vol 13	328	
+ ethanamine, N,N-diethyl-, nitrate	vol 13	325	
+ ethanamine, N-ethyl-, nitrate	vol 13	324	
+ 1,2-ethanedioic acid, neodymium salt	vol 13	316	

Nitric acid, neodymium salt (aqueous)			
+ 1,6-hexanediamine dinitrate	vol 13	327	
+ hydrazine mononitrate	vol 13	320,	321
+ methanamine, N,N-dimethyl-, nitrate	vol 13	322	
+ nitric acid	vol 13	E304 -E308, 313 - 314	
+ nitric acid, aluminium salt	vol 13	319	
+ nitric acid, lanthanum salt	vol 13	71,	72
+ nitric acid, praseodymium salt	vol 13	255	
+ nitric acid, rubidium salt			
+ nitric acid	vol 13	315	
+ nitric acid, samarium salt	vol 13	317	
+ nitric acid, zinc salt	vol 13	318	
+ piperazine dinitrate	vol 13	330	
+ piperidine nitrate	vol 13	329	
+ pyridine nitrate	vol 13	331	
+ quinoline nitrate	vol 13	332,	333
+ urea	vol 13	334	
Nitric acid, neodymium nickel salt (aqueous)			
+ nitric acid	vol 13	351	
Nitric acid, neodymium zinc salt			
+ water	vol 13	353	
Nitric acid, neodymium zinc salt (aqueous)			
+ nitric acid	vol 13	352	
Nitric acid, nickel salt			
+ water	vol 13	81,	195
Nitric acid, nickel salt (aqueous)			
+ nitric acid, cerium salt	vol 13	183,	184,
+ nitric acid, lanthanum salt	vol 13	184	195
+ nitric acid, magnesium salt	vol 13	183,	184
Nitric acid, nickel praseodymium salt			
+ water	vol 13	297	
Nitric acid, nickel praseodymium salt (aqueous)			
+ nitric acid	vol 13	296	
Nitric acid, nickel samarium salt (aqueous)			
+ nitric acid	vol 13	374	
Nitric acid, potassium salt			
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt			
+ acetonitrile	vol 3	208	
+ N,N-dimethylacetamide	vol 3	211	
+ N,N-dimethylformamide	vol 3	212	
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt			
+ dimethyl sulfoxide	vol 3	E213,	214
+ formamide	vol 3	221	
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt			
+ hexamethylphosphorotriamide	vol 3	222	
+ methanol	vol 3	E223,	226
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt			
+ N-methyl-2-pyrrolidinone	vol 3	229	
+ water	vol 13	58,	59,
		174,	175
Nitric acid, potassium salt (aqueous)			
+ bromic acid, barium salt	vol 14	232	
+ hydrogen	vol 5/6	E35,	44,
		87,	88
+ iodic acid, barium salt	vol 14	E248 -E250,	
		271 - 275	
+ iodic acid, calcium salt	vol 14	E70,	E74,
	vol 2	146	

Nitric acid, potassium salt (aqueous)		
+ nitric acid, cerium salt	vol 13	E161, E162, 174, 175
+ nitric acid, lanthanum salt	vol 13	58, 59
+ nitrous oxide	vol 8	E37, 107 - 110
+ oxygen	vol 7	E74, 138, 180
+ selenocyanic acid, silver salt + selenocyanic acid, potassium salt	vol 3	E90, 96 - 97
+ silver azide + sodium azide	vol 3	9
+ silver cyanamide + nitric acid, potassium salt	vol 3	E31, 33
+ silver cyanide + silver iodide + nitric acid, barium salt	vol 3	81
+ potassium cyanide + potassium iodide		
+ sulfur dioxide	vol 12	E37 - E39, 103
+ thiocyanic acid, silver salt + nitric acid, silver salt	vol 3	147
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt	vol 3	E103, 145 - 146, 150 - 151, 152 - 153, 165 - 166, 169 - 170
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt	vol 3	E188, 189
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt	vol 3	E193, 194 - 195
+ ethanol		
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt	vol 3	E200, 201 - 202
+ methanol		
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt	vol 3	199
+ 1,2,3-propanetriol		
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt	vol 3	E177 - 178, 179 - 180
+ 2-propanone		
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt	vol 3	205
+ 1-propanol		
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt	vol 3	206
+ 2-propanol		
Nitric acid, praseodymium salt		
+ 1,4-dioxane	vol 13	285
+ ethane, 1,1'-oxybis-	vol 13	281, 283
+ ethanol, 2-ethoxy- + nitric acid,		
+ neodymium salt	vol 13	280
+ nitric acid, neodymium salt		
+ ethane, 1,1'-oxybis-	vol 13	282
+ nitric acid, neodymium salt		
+ ethanol, 2-ethoxy-	vol 13	280
+ nitric acid, neodymium salt		
+ 2-methoxyethanol	vol 13	279
+ nitric acid, neodymium salt		
+ propane, 2,2'-oxybis-	vol 13	284
+ water	vol 13	E241 - E246, 247 - 253
Nitric acid, praseodymium salt (aqueous)		
+ aniline, nitrate	vol 13	271
+ cyclohexylamine nitrate	vol 13	266, 267
+ ethanamine, N,N-diethyl-	vol 13	261
+ ethanamine, N-ethyl-, nitrate	vol 13	260
+ 1,2-ethanediamine, dinitrate	vol 13	262, 263
+ guanidine mononitrate	vol 13	259
+ hexamethyleneimine nitrate	vol 13	264, 265
+ hydrazine dinitrate	vol 13	257, 258
+ nitric acid	vol 13	252 - 254
+ nitric acid, lanthanum salt	vol 13	70

Nitric acid, praseodymium salt (aqueous)			
+ nitric acid, neodymium salt	vol 13		255
+ nitric acid, rubidium salt + nitric acid		vol 13	254
		vol 13	256
+ nitric acid, zinc salt	vol 13		268
+ piperidine nitrate	vol 13		269, 270
+ pyridine nitrate	vol 13		272, 273
+ quinoline nitrate	vol 13		274, 275
+ quinoline, 8-methyl-, nitrate	vol 13		276
+ urea	vol 13		277
+ urea mononitrate	vol 13		
Nitric acid, praseodymium zinc salt			
+ water	vol 13		300
Nitric acid, praseodymium zinc salt (aqueous)			
+ nitric acid	vol 13		299
Nitric acid, propyl ester			
+ air	vol 10		531
+ nitrogen	vol 10		262
+ oxygen	vol 7		351
Nitric acid, rubidium salt			
+ water	vol 13	60, 176,	177
Nitric acid, rubidium salt (aqueous)			
+ nitric acid	vol 13	25,	254, 315
+ nitric acid, cerium salt	vol 13		E161, E162,
			176, 177
+ nitric acid, lanthanum salt	vol 13		60
+ nitric acid, neodymium salt			
+ nitric acid	vol 13		315
+ nitric acid, yttrium salt + nitric acid		vol 13	25
		vol 7	E74, E75, 138
+ oxygen			
+ nitric acid, praseodymium salt + nitric acid	vol 13		254
Nitric acid, samarium salt			
+ water	vol 13	75, 76,	
		E354 -E359,	
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Nitric acid, samarium salt (aqueous)			
+ acetamide, N-(aminocarbonyl)-	vol 13		370
+ nitric acid	vol 13		E354 -E359,
		364 - 367	
+ nitric acid, lanthanum salt	vol 13	75,	76
+ nitric acid, lanthanum salt + phosphoric acid, tributyl ester	vol 13	77,	78
+ nitric acid, neodymium salt	vol 13		317
+ nitric acid, zinc salt	vol 13	E358, 368,	369
Nitric acid, samarium zinc salt (aqueous)			
+ nitric acid	vol 13		375
Nitric acid, scandium salt			
+ water	vol 13	E1, 2 -	14
Nitric acid, scandium salt (aqueous)			
+ butane, 1,1'-oxybis-	vol 13		10
+ 1-butanol, 3-methyl-	vol 13		6
+ ethanone, 1-phenyl-	vol 13		13
+ 2-hexanone	vol 13		12
+ 1-heptanol	vol 13		7
+ 2-octanol	vol 13		8
+ nitric acid	vol 13		3
+ 2-pentanone	vol 13		11
+ propanoic acid, butyl ester	vol 13		14
+ propane, 2,2'-oxybis-	vol 13		9
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Nitric acid, silver salt			
+ thiocyanic acid, silver salt			
+ perchloric acid,			
tetraethylammonium salt			
+ dimethylsulfoxide	vol 3	E213,	215
Nitric acid, silver salt (aqueous)			
+ radon-222	vol 2	E238 -E241,	245
+ silver cyanide	vol 3	E47,	60
+ silver cyanide + potassium silver cyanide + ammonia	vol 3		66
+ thiocyanic acid, silver salt	vol 3	E104,	115
+ thiocyanic acid, silver salt	vol 3		147
+ nitric acid, potassium salt	vol 3		
+ selenocyanic acid, silver salt	vol 3	E90 -	91,
		98 -	99
Nitric acid, sodium salt			
+ silver azide + sodium azide + dimethylacetamide	vol 3		21
+ silver azide + sodium azide + dimethylformamide	vol 3		22
+ silver azide + sodium azide + formamide	vol 3		26
+ silver azide + sodium azide + hexamethylphosphorotriamide	vol 3		27
+ silver azide + sodium azide + methanol	vol 3		28
+ silver azide + sodium azide + N-methyl-2-pyrrolidinone	vol 3		30
+ silver azide + tetraethylammonium azide + methanol	vol 3		28
+ silver tetraphenylborate			
+ nitric acid, sodium salt			
+ N,N-dimethylacetamide	vol 18		153
+ silver tetraphenylborate			
+ sodium tetraphenylborate			
+ acetonitrile	vol 18		150
+ silver tetraphenylborate			
+ sodium tetraphenylborate			
+ nitromethane	vol 18		169
+ silver tetraphenylborate			
+ sodium tetraphenylborate			
+ methanol	vol 18		167
+ silver tetraphenylborate			
+ sodium tetraphenylborate			
+ N-methylacetamide	vol 18		155
+ water	vol 13	57,	173
Nitric acid, sodium salt (aqueous)			
+ argon	vol 4	E33,	59
+ ethanol + iodic acid, barium salt			
+ sodium hydroxide	vol 14		301
+ helium	vol 1	E20,	33
+ hydrogen	vol 5/6	E33,	44,
			74,
+ neon	vol 1	E141,	166
+ nitric acid, lanthanum salt	vol 13		57
+ nitric acid, cerium salt	vol 13		173
+ nitrous oxide	vol 8	E35,	90,
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			153,
+ silver tetraphenylborate			160
+ sodium tetraphenylborate	vol 18		143
Nitric acid, strontium salt			
+ water	vol 13	189,	190

Nitric acid, strontium salt (aqueous)			
+ nitric acid	vol 13	412,	413
+ nitric acid, cerium salt	vol 13	189,	190
Nitric acid, tetraethylammonium salt			
+ silver azide + sodium azide + methanol	vol 3	28	
+ silver azide + tetraethylammonium azide + acetonitrile	vol 3	20	
+ silver azide + tetraethylammonium azide + dimethyl sulfoxide	vol 3	E23,	24
+ silver azide + tetraethylammonium azide + formamide	vol 3		26
+ thiocyanic acid, silver salt + thiocyanic acid, tetraethylammonium salt + formamide	vol 3		221
+ thiocyanic acid, silver salt + thiocyanic acid, tetraethylammonium salt + methanol	vol 3	E223,	226
Nitric acid, terbium salt			
+ water	vol 13	E409,	410 - 412
Nitric acid, thulium salt			
+ water	vol 13	E449,	450 - 453
Nitric acid, thulium salt (aqueous)			
+ nitric acid	vol 13	451,	452
+ urea	vol 13		453
Nitric acid, ytterbium salt			
+ water	vol 13	E454 -E456,	
		457 - 460	
Nitric acid, ytterbium salt (aqueous)			
+ nitric acid	vol 13	459	
+ urea	vol 13		460
Nitric acid, yttrium salt			
+ water	vol 13	E15 - E19,	
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+ 1,1'-oxybisethane	vol 13		
Nitric acid, yttrium salt (aqueous)			
+ chromic acid, potassium salt	vol 13	24	
+ nitric acid	vol 13	22,	25,
		28 -	33
+ nitric acid, aluminium salt	vol 13		31
+ nitric acid, ammonium salt	vol 13	32,	33,
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+ nitric acid, cobalt salt	vol 13		30
+ nitric acid, gadolinium salt + nitric acid	vol 13		
			29
+ nitric acid, lanthanum salt + nitric acid	vol 13		
			28
+ nitric acid, rubidium salt + nitric acid	vol 13		
			25
+ urea	vol 13		35,
+ yttrium hydroxide	vol 13		36
			26,
Nitric acid, zinc salt			27
+ water	vol 13	82 - 84,	318
		E358,	368,
			369
Nitric acid, zinc salt (aqueous)			
+ nitric acid, lanthanum salt	vol 13	82 -	84
+ nitric acid, praseodymium salt	vol 13		256
+ nitrous oxide	vol 8	E29,	E30,
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Nitric oxide			
+ hydrogen	vol 5/6		609
+ hydrogen deuteride	vol 5/6		E299
Nitrilotriethanol nitrate			
+ water	vol 13		393
Nitrobenzene			
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Nitrogen			
+ deuterium	vol 5/6	597	
+ helium	vol 1	E328,	329
+ hydrogen	vol 5/6	E589,	E590,
		591 -	600
+ hydrogen deuteride	vol 5/6		E299
+ neon	vol 1	E373,	374
Nitrogen + methane	vol 4	312 -	313
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Nitrogen (quaternary)	vol 5/6	551	
+ hydrogen			
Nitrogen (ternary)	vol 5/6	311, 530,	531,
+ hydrogen		631 -	634
	vol 7	434,	435
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Nitrogen oxide (N ₂ O)	vol 1	E255,	346
+ helium	vol 2		102
+ krypton	vol 10		484
+ nitrogen	vol 7	466,	467
+ oxygen	vol 2		186
Nitrogen oxide (N ₂ O ₄)	vol 4	237 -	238
+ argon	vol 1		111
+ helium	vol 10	317,	318
+ nitrogen	vol 8		E350
+ nitrous oxide	vol 7	432,	433
Nitrogen oxide (N ₂ O ₄) (multicomponent)	vol 7	E62,	85,
+ oxygen			96
Nitrogen trifluoride	vol 10		486
+ nitrogen			
Nitromethane			
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Nitropropane			
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N-Nitroso-dimethylamine			
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Nitrosyl chloride			
+ nitric oxide	vol 8		E350
2-Nitrotoluene			
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Nitrous acid, sodium salt (aqueous)			
+ hydrogen	vol 5/6	E33,	73
Nitrous oxide			
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Nitryl fluoride			
+ nitrogen	vol 10		485
1,1,2,2,3,3,4,4,4-Nonafluoro-N,N-bis (nonafluorobutyl)-1-butanamine			
see 1-Butanamine, 1,1,2,2,3,3,4,4,4-nona-fluoro-N,N-bis			
(nonafluorobutyl)-			
Nonane			
+ argon	vol 4	E125,	126 - 127
+ ethane	vol 9	E77,	E78,
		92,	93
+ helium	vol 1		50
+ hydrogen	vol 5/6	E122,	137, 138
+ krypton	vol 2		39
+ neon	vol 1		195
+ nitrogen	vol 10	E119,	E120,
		137,	138
+ nitrous oxide	vol 8	E160,	171
+ oxygen	vol 7	E214,	E215,
		228,	229,
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Nonane (ternary)		
+ hydrogen	vol 5/6	561
Nonane, eicosfluoro-		
+ oxygen	vol 7	332
Nonane, 2,2,4,4,6,8,8-heptamethyl-		
+ ethane	vol 9	E77, E78, 107
Nonanoic acid		
+ radon-222	vol 2	205
1-Nonanol		
+ hydrogen	vol 5/6	207
+ nitrogen	vol 10	E177, E178, 213
+ nitrous oxide	vol 8	204
+ oxygen	vol 7	E266, 287, 453
+ water	vol 15	E392, E393, 394 - 397
2-Nonanol		
+ water	vol 15	398
3-Nonanol		
+ water	vol 15	399
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+ water	vol 15	401
3,6,9,12,15,21,24,27-Nonaoxatriacontane,1,1,1,2,4,4,5,7,7,8,10,10,11,13,13 14,16,16,17,19,20,22,22,23,25,25,26,28,28,29,29,30,30,30-pentacontafluoro-		
5,8,14,17,20,23,26-octakis(trifluoromethyl)-		
+ oxygen	vol 7	344
Non-aqueous liquids		
+ radon-222	vol 2	E259 ~ 261

(Z,Z)-9,12-Octadecadienoic acid			
+ radon-222	vol 2		310
Octadecafluorodecahydronaphthalene			
see naphthalene, octadecafluorodecahydro-			
Octadecafluoroctane			
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Octadecane			
+ ethane	vol 9	E77, 99,	E78, 101
+ oxygen	vol 7	E214, E215,	239
(Z)-9-Octadecanoic acid			
+ nitrogen	vol 10		280
+ radon-222	vol 2		311
Octadecanol			
+ water	vol 15		427
Octamethylcyclotetrasiloxane			
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Octane			
+ air	vol 10		517
+ argon	vol 4	E114 - 115, 116 - 119,	
+ chlorine	vol 12	E253 - 255, E354 - E366,	274
+ deuterium	vol 5/6	370 E281, 285, E300, E355	
+ ethane	vol 9	E77, E78, 89 - 91, E110 - E112, 127, 128	
+ helium	vol 1	E43, 44	
+ hydrogen	vol 5/6	E121, 130, 134, 135, E355, 365 - 367	
+ krypton	vol 2	E35, 36 - 38	
+ neon	vol 1	E188, 189	
+ nitrogen	vol 10	E119, E120, 131- 134, E419, 431, 432	
+ nitrous oxide	vol 8	E160, 169	
+ oxygen	vol 7	E214, E215, 222 - 224, 239, 452	
+ sulfur dioxide	vol 12	E116, E117, 123, 124	
+ xenon	vol 2	159	
iso-Octane			
see Pentane, 2,2,4-trimethyl-			
Octane, octadecafluoro-			
+ air	vol 10		526
+ oxygen	vol 7		326
Octane, 1-bromo-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-			
+ air	vol 10		525
+ oxygen	vol 7		325
Octane, 1-chloro-			
+ sulfur dioxide	vol 12		314
Octane, 1-chloro-1,1,2,2,3,3,4,4,5,5,6,6,7,8,8,8-hexadecafluoro-7-(trifluoromethyl)-			
+ oxygen	vol 7		331
Octane, 1-bromo-			
+ sulfur dioxide	vol 12		315
Octane, 1,1,1,2,2,3,3-heptafluoro-4,4-bis(trifluoromethyl)-			
+ oxygen	vol 7		334

Octanoic acid, sodium salt (aqueous)			
+ oxygen	vol 7		451
Octanoic acid			
+ radon-222	vol 2		304
Octanoic acid, 1,2,3-propanetriyl ester			
+ radon-222	vol 2		317
1-Octanol			
+ air	vol 10		520
+ hydrogen	vol 5/6	E189, 206,	207
+ ethane	vol 9	E166, E167,	188
+ helium	vol 1		86
+ krypton	vol 2		79
+ nitrogen	vol 10	E176 - E178,	209-
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+ nitrous oxide	vol 8		203
+ oxygen	vol 7	E266, 283 -	285,
			453
+ sulfur dioxide	vol 12	E189, E191,	
		193, 195	
+ water	vol 15	E364 - E366,	
		367 - 381	
2-Octanol			
+ water	vol 15	E382, 383 -	385
1-Octanol			
+ neon	vol 1		231
+ argon	vol 4	E169 - 170,	
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1-Octanol, 7-methyl-			
+ water	vol 15		391
2-Octanone			
+ sulfur dioxide	vol 12		250
2-Octanone			
+ argon	vol 4	E253 - 255,	303
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+ hydrogen	vol 5/6	E400, 405	
Octyl bromide			
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Octyl chloride			
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Octyl formate			
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+ oxygen	vol 7	437, 442	
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Oil, animal			
Oil, asphaltic			
+ air	vol 10		538
Oil, butter			
+ air	vol 10		534
+ nitrogen	vol 10		277
Oil, cod liver			
+ air	vol 10		535, 536
Oil, corn			
+ air	vol 10		533, 536
+ nitrogen	vol 10		276
Oil, cotton seed			
+ air	vol 10	533, 534,	536
+ nitrogen	vol 10		276, 277
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+ hydrogen	vol 5/6		521
+ nitrogen	vol 10		504
Oil, herring	vol 10		536
+ air			
Oil, hydrocarbon	vol 10		544
+ air	vol 10		328
+ nitrogen			
Oil, hydrogenated cotton seed	vol 10		533
+ air	vol 10		276
+ oxygen	vol 7		366
Oil, linseed	vol 10		536
+ air			
Oil, lubricating	vol 10	539,	545
+ air			
Oil, mineral	vol 10	536,	537 - 539
+ air	vol 10	319 - 321,	331
+ nitrogen			
+ oxygen	vol 7		436
Oil, olive	vol 10	535,	536
+ air	vol 4	E241,	242 - 244
+ argon	vol 5/6		275
+ hydrogen	vol 1		118
+ helium	vol 2	E108,	E109,
+ krypton		110 - 113	
+ neon	vol 1		250
+ nitrogen	vol 10	E279,	280 - 283
+ nitrous oxide	vol 8		256
+ oxygen	vol 7	368 - 371,	438
+ radon-222	vol	E328,	329 - 331
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+ nitrogen	vol 10		278
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Ovalbumen (aqueous)			
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3-Oxabutanoic acid, ethyl ester			
+ sulfur dioxide	vol 12		242
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Oxalic acid		
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Oxide		
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Oxirane	+ ethane	vol 9
		E195 -E199, 213, 214
2-Oxopropanoic acid, sodium salt		
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1,1'-Oxybisbutane		
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1,1'-Oxybis-2-chloroethane		
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1,1'-Oxybisethane		
see ethane, 1,1'-oxybis-		
2,2'-Oxybisethanol		
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Oxygen		
+ helium	vol 1	E348, 349
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+ nitrogen	vol 10	76, 353, 354, 466
Oxygen fluoride		
+ nitrogen	vol 10	467
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+ nitrogen	vol 10	290, 291, 295

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+ argon	vol 4	143
+ hydrogen	vol 5/6	271
+ krypton-85	vol 2	120
+ krypton	vol 2	68
+ nitrogen	vol 10	322 - 324
+ oxygen	vol 7	439, 440, 446
+ radon-222	vol 2	E322, 325, 326, 331
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Paraffin, soft (ternary)	vol 12	317
+ sulfur dioxide		
Paraffin wax		
+ argon	vol 4	144
+ nitrogen	vol 10	325
+ oxygen	vol 7	447, 448
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Pentadecane		
+ argon	vol 4	140
+ helium	vol 1	58
+ hydrogen	vol 5/6	144
+ krypton	vol 2	49
+ neon	vol 1	203
+ nitrogen	vol 10	E119, 145
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Pentanal		
+ argon	vol 4	E169 - 170
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+ argon	vol 4	107, 271
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+ helium	..	40
+ hydrogen	vol 1	E119, 125, E354, 358
+ krypton	vol 5/6	
+ neon	vol 2	25
+ nitrogen	vol 1	185
+ nitrous oxide	vol 10	123, E419, 420
+ oxygen	vol 8	E160, 163, 164
+ sulfur dioxide	vol 7	E214, E215, 216, 452
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Pentane (ternary)		
+ ethane	vol 2	155
Pentane, 1-chloro-		
+ sulfur dioxide	vol 9	137
Pentane, 1,1,1,2,2,3,3,5,5,5-decafluoro-4-methoxy-(trifluoromethyl)-	vol 12	E1, E2
+ oxygen	vol 7	316
Pentane, 1,1,1,2,2,3,3,5,5,5-decafluoro-4-propoxy-4-(trifluoromethyl)-	vol 7	330
+ oxygen	vol 7	
Pentane, 2-ethoxy-1,1,1,3,3,4,4,5,5,5-decafluoro-2-(trifluoromethyl)-	vol 7	323
+ oxygen		

Pentane, 2,2,4-trimethyl-			
+ air	vol 10	517,	518
+ argon	vol 4	E123,	124,
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			275
+ chlorine	vol 12	E354 -E366,	371
+ deuterium	vol 5/6	E281,	286
+ ethane	vol 9	E77,	E78,
+ helium	vol 1		106
+ hydrogen	vol 5/6	136,	E356,
		376 -	379
+ krypton	vol 2		34
+ neon	vol 1		194
+ nitrogen	vol 10	E121,	131,
		136,	433,
+ nitrous oxide	vol 8	E160,	170
+ oxygen	vol 7	225 -	227,
		238,	304
+ sulfur dioxide	vol 12	124 -	126
+ xenon	vol 2		158
Pentane, 2,2,4-trimethyl- (ternary)			
+ nitrogen	vol 10	E104,	113
		115 -	118
+ oxygen	vol 7		213
1,5-Pantanediamine, bis-tetr phenylborate	vol 18		95
+ water			
Pantanedicic acid, dimethyl ester			
+ hydrogen	vol 5/6		479
+ nitrogen	vol 10		451
1,5-Pantanediol (aqueous)			
+ nitrous oxide	vol 8		127
Pentanoic acid			
+ radon-219	vol 2	E339,	342
+ radon-222	vol 2		301
Pentanoic acid, sodium salt (aqueous)			
+ oxygen	vol 7		451
1-Pentanol			
+ argon	vol 4	E169 -	170,
+ ethane	vol 9	193	
		E166,	E167,
+ hydrogen		182 -	184
	vol 5/6	E189,	204,
+ krypton	vol 2	205,	
+ nitrogen	vol 10	E442,	464
			78
+ nitrous oxide	vol 8		200
+ oxygen	vol 7	E265,	282,
+ radon-219	vol 2	453	
+ radon-222	vol 2	E339,	342
+ water	vol 15	284,	285
		E162 -E167,	
		168 -	195
1-Pentanol (multicomponent)			
+ ethane	vol 9	E61,	62,
2-Pentanol			
+ water	vol 15	E196 -E197,	
		198 -	202
3-Pentanol			
+ water	vol 15	E203,	E204,
		205 -	209
iso-Pentanol			
see 1-butanol, 3-methyl-			
tert-Pentanol			
see 2-butanol, 2-methyl-			
2-Pentanol, 1,1,1,3,3,4,4,5,5,5-decafluoro-2-(trifluoromethyl)-	vol 7		310
+ oxygen			
1-Pentanol, 2,2-diethyl-			
+ water	vol 15		386

1-Pentanol, 2,2-dimethyl-			
+ water	vol 15		300
1-Pentanol, 2,4-dimethyl-			
+ water	vol 15		310
1-Pentanol, 4,4-dimethyl-			
+ water	vol 15		317
2-Pentanol, 2,3-dimethyl-			
+ water	vol 15	E304, 305,	306
2-Pentanol, 2,4-dimethyl-			
+ water	vol 15	E311, 312,	313
3-Pentanol, 2,2-dimethyl-			
+ water	vol 15	E301, 302,	303
3-Pentanol, 2,3-dimethyl-			
+ water	vol 15	E307, 308,	309
3-Pentanol, 2,4-dimethyl-			
+ water	vol 15	E314, 315,	316
3-Pentanol, 3-ethyl-			
+ water	vol 15	E318, 319,	320
1-Pentanol, 2-methyl-			
+ water	vol 15	E240, 241,	242
1-Pentanol, 4-methyl-			
+ water	vol 15		256
2-Pentanol, 2-methyl-			
+ water	vol 15	E243, 244 -	246
2-Pentanol, 3-methyl-			
+ water	vol 15	E250, 251,	252
2-Pentanol, 4-methyl-			
+ water	vol 15		E257, E258, E259 -E258
3-Pentanol, 2-methyl-			
+ water	vol 15	E247, 248,	249
3-Pentanol, 3-methyl-			
+ water	vol 15	E253, 254,	255
3-Pentanol, 2,2,3-trimethyl-			
+ water	vol 15	E258,	259 - 262
2-Pentanone			
+ argon	vol 4		E169 -E170, 253 - 255, 300
+ oxygen	vol 7		295, 453
+ sulfur dioxide	vol 12		210
3-Pentanone			
+ argon	vol 4		E169 -E170, 253 - 255, 301
+ oxygen	vol 7		453
2-Pentanone, 4-methyl-			
+ sulfur dioxide	vol 12		210
3,6,9,12,15-Pentaoxaoctadecane, 1,1,1,2,4,4,5,7,7,8,10,10,11,13,13,14,16,			
16,17,17,18,18,18-tricosfluoro-5,8,11,14-tetrakis(trifluoromethyl)-	vol 7		343
+ oxygen			
2,3,8,11,14-Pentaoxapentadecane	vol 12		258
+ sulfur dioxide			
1-Penten-3-ol			
+ water	vol 15		120
3-Penten-2-ol			
+ water	vol 15		121
4-Penten-1-ol			
+ water	vol 15		122
1-Penten-3-ol, 4-methyl-			
+ water	vol 15		225
Pentyl acetate			
see acetic acid, pentyl ester			
iso-Pentyl alcohol			
see 1-butanol, 3-methyl-			
tert-Pentyl carbinol			
see 1-butanol, 2,2-dimethyl-			
Pentylmethyl carbinol			
see 2-heptanol			

Perchloric acid (aqueous)		
+ argon	vol 4	E33, 37
+ chlorine	vol 12	E349
+ helium	vol 1	E20, 24
+ iodic acid, potassium salt + iodic acid, strontium salt	vol 14	203
+ iodic acid, strontium salt	vol 14	203
+ nitric oxide	vol 8	334, 335
+ silver cyanide + sodium cyanide + perchloric acid, sodium salt	vol 3	79 - 80
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt	vol 3	164, 171 - 172
Perchloric acid, lithium salt (aqueous)		
+ iodic acid, barium salt + nitric acid, lithium salt	vol 14	261
+ iodic acid, strontium salt + nitric acid, lithium salt	vol 14	199
+ nitric oxide	vol 8	333
+ oxygen	vol 7	E66, E67, 136
Perchloric acid, lithium salt (in 4-methyl-1,3-dioxolan-2-one soln.)		
+ oxygen	vol 7	185
Perchloric acid, potassium salt		
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt + dimethylsulfoxide	vol 3	E185, 187
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt + 1,2-ethanediol	vol 3	220
Perchloric acid, potassium salt (aqueous)		
+ chlorine	vol 12	E349
+ iodic acid, barium salt	vol 14	E253, 268
+ oxygen	vol 7	E73, 136
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt	vol 3	196 - 197, 203 - 204
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt + dimethylformamide	vol 3	184
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt + 1,4-dioxane	vol 3	E188, 190 - 192
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt + ethanol	vol 3	E193, 196 - 198
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt + methanol	vol 3	E200, 203 - 204
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt + 2-propanone	vol 3	E177 - 178, 181 - 183
Perchloric acid, rubidium salt (aqueous)		
+ oxygen	vol 7	E74, E75, 136
Perchloric acid, silver salt (aqueous)		
+ selenocyanic acid, silver salt	vol 3	E90 - 91, 100 - 101
Perchloric acid, sodium salt		
+ silver tetraphenylborate + sodium tetraphenylborate + N,N-dimethylformamide	vol 18	156
+ silver tetraphenylborate + sodium tetraphenylborate + dimethylsulfoxide	vol 18	160
+ silver tetraphenylborate + sodium tetraphenylborate + ethanol	vol 18	163
Perchloric acid, sodium salt (aqueous)		
+ chlorine	vol 12	E349
+ nitric oxide	vol 8	333
+ oxygen	vol 7	136
+ silver azide + sodium azide	vol 3	E1, 15 - 16
+ silver tetraphenylborate + sodium tetraphenylborate + ethanol	vol 18	151
+ silver tetraphenylborate + sodium tetraphenylborate + 4-methyl-1,3-dioxolan-2-one	vol 18	176

- Perchloric acid, sodium salt (aqueous)
 - + silver tetraphenylborate + sodium tetraphenylborate
 - + N-methyl-2-pyrrolidinone vol 18 170
 - + silver tetraphenylborate + sodium tetraphenylborate
 - + nitromethane vol 18 171
 - + silver tetraphenylborate + sodium tetraphenylborate
 - + 2-propanone vol 18 173
 - + silver tetraphenylborate + sodium tetraphenylborate
 - + tetrahydrothiophene-1,1-dioxide
 - vol 18 176
 - + sodium dithiocyanatoargentate + thiocyanic acid, sodium salt
 - vol 3 E104, 157 - 158
 - + thiocyanic acid, silver salt vol 3 175 - 176
 - + thiocyanic acid, silver salt + thiocyanic acid, sodium salt
 - vol 3 E104, 154 - 156, 159 - 163, 172
 - + thiocyanic acid, silver salt + thiocyanic acid, sodium salt
 - + sodium dithiocyanatoargentate
 - vol 3 E104, 157 - 158
 - + thiocyanic acid, silver salt + thiosulfuric acid, sodium salt
 - vol 3 173 - 174
- Perchloric acid, tetrabutylammonium salt
 - + thiocyanic acid, silver salt + thiocyanic acid, tetrabutylammonium salt + 1,2-dimethoxyethane
 - vol 3 209 - 210
 - + thiocyanic acid, silver salt + thiocyanic acid, tetrabutylammonium salt + tetrahydrofuran
 - vol 3 230 - 231
- Perchloric acid, tetraethylammonium salt
 - + silver azide + tetraethylammonium azide
 - + dimethyl sulfoxide vol 3 E23, 25
 - + silver cyanide + tetraethylammonium cyanide
 - + dimethyl sulfoxide vol 3 84
 - + silver cyanide + tetraethylammonium cyanide
 - + nitromethane vol 3 85
 - + thiocyanic acid, silver salt + nitric acid, silver salt
 - + dimethyl sulfoxide vol 3 E213, 215
 - + thiocyanic acid, silver salt + thiocyanic acid, potassium salt + tetrahydrothiophene-1,1-dioxide
 - vol 3 232
 - + thiocyanic acid, silver salt + thiocyanic acid, tetraethylammonium salt + dimethyl sulfoxide
 - vol 3 E213, 216
 - + thiocyanic acid, silver salt + thiocyanic acid, tetraethylammonium salt + nitromethane
 - vol 3 227
 - + thiocyanic acid, silver salt + thiocyanic acid, tetraethylammonium salt + 4-methyl-1,3-dioxolan-2-one
 - vol 3 228
- Perchloric acid, tetraethylammonium salt (aqueous)
 - + silver azide + tetraethylammonium azide
 - + dimethyl sulfoxide + vol 3 18
- Perchloryl fluoride
 - see chlorine, hexafluoride
- Perfluorobenzene
 - see benzene, hexafluoro-
- Perfluorobutyltetrahydrofuran
 - see furan, heptafluorotetrahydro(nonafluorobutyl)-
- Perfluorodecalin
 - see naphthalene, octadecafluorodecahydro-
- Perfluorodimethylcyclohexane
 - see cyclohexane, decafluorobis(trifluoromethyl)-
- Perfluoro-1,4-diisopropoxybutane
 - see butane, 1,1,2,2,3,3,4,4-octafluoro-1,4-bis(1,2,2,2-tetrafluoro-1-(trifluoromethyl)-ethoxy)-
- Perfluoroheptane
 - see heptane, hexadecafluoro-

Perfluoromethylcyclohexane			
see cyclohexane, undecafluoro(trifluoromethyl)-			
Perfluoromethyldecalin			
see naphthalene, heptadecafluorodecahydro(trifluoromethyl)-			
Perfluorononane			
see nonane, eicosafuoro-			
Perfluoroctane			
see octane, octadecafluoro-			
Perfluoro-1-isopropoxyhexane			
see hexane, 1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy)-			
Perfluorotributylamine			
see 1-butanamine, 1,1,2,2,3,3,4,4,4-nonafluoro-N,N-bis(nonafluorobutyl)-			
Periodic acid			
+ nitrous oxide	vol 8		E40
Periodic acid, potassium salt (aqueous)			
+ nitrous oxide	vol 8		E38, 111
Permanganate, potassium			
see permanganic acid, potassium salt			
Permanganic acid, potassium salt (aqueous)			
+ radon-222	vol 2	E238 - 241,	254
Petroleum			
+ hydrogen	vol 5/6		269
+ krypton	vol 2		68
+ nitrogen	vol 10		329
+ nitrous oxide	vol 8	E29,	257
+ oxygen	vol 7		444
+ radon-219	vol 2	E339,	341
+ radon-220	vol 2	E343,	345
+ radon-221	vol 2	E322,	323 - 325
Petroleum ether			
+ oxygen	vol 7		304
+ radon-222	vol 2	E322,	325
Petrowax A			
+ nitrogen	vol 10		326
+ oxygen	vol 7		448
Phenanthrene, 9,10-dihydro-			
+ hydrogen	vol 5/6		432, 433
Phenethicillin potassium			
see 4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(1-oxo-2-phenoxypropyl)amino], monopotassium salt			
Phenetole			
see benzene, ethoxy-			
Phenol			
+ hydrogen	vol 5/6		226
+ ethane	vol 9	E166, E167,	191
+ sulfur dioxide	vol 12		235, 236
Phenol, 2-chloro-			
+ sulfur dioxide	vol 12		313
Phenol, 2-methoxy-			
+ sulfur dioxide	vol 12		236
Phenol, methyl-			
+ hydrogen	vol 5/6		475
Phenoxyethyl penicillin			
see 4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenoxyacetyl)amino]-			
7-Phenylacetamido-deacetoxycephalosporanic acid			
see 5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 3-methyl-8-oxo-7-(phenylacetamido)-			
Phenyl cellosolve			
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Phosphate buffer			
+ hydrogen	vol 5/6		118
+ nitric oxide	vol 8		333

Phosphate, tricresyl-		
see phosphoric acid, tris(methylphenyl) ester		
Phosphoric acid		
+ nitrous oxide	vol 8	E40, 44, 45
+ oxygen	vol 7	E74, 164
+ oxygen	vol 8	E35, 92
+ oxygen	vol 7	E71, 164
+ nitrous oxide (phosphate buffer in water)	vol 2	E12, E13, 23
+ krypton	vol 2	E149, 154
+ xenon		
Phosphoric acid, tributyl ester		
+ argon	vol 4	E253 -E255, 310
+ ethane	vol 9	E195 -E199, 230
+ hydrogen	vol 5	519
+ nitric acid, cerium salt	vol 13	E221, 225
+ sulfur dioxide	vol 12	324, 326, 327
Phosphoric acid, triethyl ester		
+ ethane	vol 9	E195 -E199, 230
+ sulfur dioxide	vol 12	325
Phosphoric acid, trimethyl ester		
+ ethane	vol 9	E195 -E199, 230
Phosphoric acid, tripropyl ester		
+ ethane	vol 9	E195 -E199, 230
+ sulfur dioxide	vol 12	325
Phosphoric acid, trisodium salt		
+ nitrous oxide	vol 9	E35, 92
Phosphoric acid, tris (methylphenyl) ester		
+ krypton	vol 2	106
Phosphoric acid, tris (2-methyl propyl) ester		
+ ethane	vol 9	E195 -E199, 230
+ sulfur dioxide	vol 12	324, 325
Phosphoric triamide, hexamethyl-		
+ ethane	vol 9	E195 -E199, 218
+ silver azide + sodium azide + nitric acid, sodium salt	vol 3	27
+ silver tetraphenylborate (1-)	vol 18	165
+ tetraphenylarsonium tetraphenylborate (1-)	vol 18	E213, 214 - 216
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt + nitric acid, potassium salt	vol 3	222
Physiologic salt solution		
+ oxygen	vol 7	386
Picoline		
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Pine oil		
+ xenon	vol 2	191
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+ xenon	vol 2	191
Pinene		
+ sulfur dioxide	vol 12	E147, 169
Piperazine dinitrate		
+ water	vol 13	330, 402
Piperazine dinitrate (aqueous)		
+ nitric acid, gadolinium salt	vol 13	402
+ nitric acid, neodymium salt	vol 13	330
Piperidine		
+ hydrogen	vol 5/6	265, E482, 500
+ nitrogen	vol 10	263
+ oxygen	vol 7	352
Piperidine nitrate		
+ water	vol 13	100, 101, 211, 212, 329, 401

Piperidine nitrate (aqueous)			
+ nitric acid, cerium salt	vol 13	211,	212
+ nitric acid, gadolinium salt	vol 13	401	
+ nitric acid, lanthanum salt	vol 13	100,	101
+ nitric acid, neodymium salt	vol 13	329	
+ nitric acid, praseodymium salt	vol 13	268	
Piperidine, 1-methyl-			
+ hydrogen	vol 5/6	E482,	502
Placenta	see human placenta		
Plasma	see also human plasma, human hyperlipidemic plasma		
Plasma			
+ krypton -85	vol 2	121,	124,
+ nitrogen	vol 10	294,	295
+ xenon-133	vol 2	207,	213 - 215, 218
Polyethylene glycol			
+ sulfur dioxide	vol 12		260
Polydimethylsiloxane oil			
+ oxygen	vol 7		441
Poppy oil			
+ radon-222	vol 2		333
Potassium amide (ternary)			
+ deuterium	vol 5/6		296
Potassium azide (ternary)			
+ silver azide	vol 3		14
Potassium bicarbonate	see carbonic acid, monopotassium salt		
Potassium bromide			
+ acetamide	vol 11	E249,	250
+ acetamide, N,N-dimethyl-	vol 11	E327,	328
+ acetamide, N-methyl-	vol 11	E274,	E275, 276,
+ formamide	vol 11	E35,	36 - 38
+ formamide, N,N-dimethyl-	vol 11	E194,	197
+ formamide, N-methyl-	vol 11	E118,	119 - 122
Potassium bromide (aqueous)			
+ argon	vol 4	E33 - E36, 62 - 63,	72
+ iodic acid, calcium salt	vol 14	E70,	E74, 138
+ krypton	vol 2	E12,	E13, 21
+ neon	vol 1		E141, 169
+ nitrous oxide	vol 8	E36,	101, 102
+ oxygen	vol 7	E73,	134, 176
+ silver cyanide + silver bromide + bis(cyano-C-) -potassium argentate	vol 3		E45, 64
+ thiocyanic acid, silver salt + silver bromide + thiocyanic acid, potassium salt	vol 3		E102, 127
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt + sulfuric acid	vol 3		121
+ sulfur dioxide	vol 12	E37 - E39,	100
Potassium carbonate	see carbonic acid, dipotassium salt		
Potassium chlorate	see chloric acid, potassium salt		
Potassium chloride			
+ acetamide	vol 11	E247,	248
+ acetamide, N,N-dimethyl-	vol 11	E325,	326
+ acetamide, N-methyl-	vol 11	E271,	272, 273
+ formamide	vol 11	E28,	E29, 30-34
+ formamide, N,N-dimethyl-	vol 11	E186,	187 - 193
+ formamide, N-methyl-	vol 11	E113,	114 - 117
Potassium chloride(aqueous)			
+ argon	vol 4	E33 - E36,	47, 49,
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Potassium chloride (aqueous)			
+ bromic acid, barium salt	vol 14		230
+ chlorig acid, calcium salt + calcium chloride	vol 14	57, 58	
+ chlorine	vol 12	E349, 353	
+ ethane	vol 9	E32, 57	
+ glycine + iodic acid, barium salt	vol 14	E252, 283	
+ helium	vol 1	E20, 29	
+ hydrogen	vol 5/6	E34, 44, 83 - 85	
+ iodic acid, barium salt	vol 14	E247, E248, 264 - 266	
+ iodic acid, calcium salt	vol 14	E70, E72, 133 - 136	
+ iodic acid, calcium salt + glycine	vol 14		137
+ krypton	vol 2	E12, E13, 21	
+ neon	vol 1	E141, 168, 177, 178	
+ nitrogen	vol 10	E45 - E47, E54, E55, 78, 79	
+ nitrous oxide	vol 8	E35, E36, E39 96 - 100	
+ oxygen	vol 7	E72, E73, 133, 170 - 175	
+ radon-219	vol 2	E339, 340	
+ radon-222	vol 2	E238 - E241, 255	
+ silver cyanide + silver chloride + bis(cyano-C-) - potassium argentate	vol 3	E45, 63	
+ sodium chloride + iodic acid, calcium salt	vol 14	100, 101	
+ sulfur dioxide	vol 12	E37 - E39, 97 - 99	
+ thiocyanic acid + silver chloride + thiocyanic acid potassium salt	vol 3	E102, 126	
Potassium chromate			
see chromic acid, potassium salt			
Potassium cyanate			
+ formamide, N,N-dimethyl-	vol 11	E206, 207	
Potassium cyanate (aqueous)			
+ silver cyanide	vol 3	E38 - E39, 43 - 44	
Potassium cyanide			
+ formamide	vol 11	E46, 47	
+ formamide, N,N-dimethyl-	vol 11	E204, 205	
Potassium cyanide (aqueous)			
+ silver cyanide	vol 3	E45, 68 - 69	
+ silver cyanide + nitric acid, potassium salt	vol 3	72 - 73, 77, 78	
+ silver cyanide + silver iodide + nitric acid, barium salt + potassium iodide + nitric acid, potassium salt	vol 3		81
Potassium dicyanoargentate			
see argentate(1-), bis(cyano-C)-potassium			
Potassium ferrocyanide			
see ferrate (4-), hexakis(cyano-C-), tetrapotassium			
Potassium fluoride (aqueous)			
+ neon	vol 1	E141, 174	
+ nitrous oxide	vol 8	E35, 95	
+ oxygen	vol 7	E72, 132	
Potassium hydroxide (aqueous)			
+ argon	vol 4	E33, E34, 60	
+ helium	vol 1	E20, 28	
+ hydrogen	vol 5/6	E33, E34, 77-82	
+ iodic acid, calcium salt	vol 14	E68, E69, 132	
+ neon	vol 1	E141, 167	
+ nitrous oxide	vol 8	E35, 94	

Potassium hydroxide (aqueous)			
+ oxygen	vol 7	E71, E72, 131, 162, 165 - 169	
Potassium hydroxide (aqueous methanol soln)			
+ oxygen	vol 7	185, 189, E192	
Potassium iodide			
+ acetamide	vol 11	E251, E252, 253, 254	
+ acetamide, N,N-dimethyl-	vol 11	E329, 330	
+ acetamide, N-methyl-	vol 11	E278, E279, 280, 281	
+ formamide	vol 11	E39, E40, 41 - 45	
+ formamide, N,N-dimethyl-	vol 11	E198, 199 - 203	
+ formamide, N-methyl-	vol 11	E123, 124 - 127	
Potassium iodide (aqueous)			
+ argon	vol 4	E33 - E36, 48, 64 - 65, 73	
+ ethane	vol 9	E32, 33, 58	
+ helium	vol 1	E20, 30	
+ hydrogen	vol 5/6	E34, 44, 86	
+ iodic acid, calcium salt	vol 14	E70, E74, 139	
+ krypton	vol 2	E12, E13, 21	
+ neon	vol 1	E141, 170, 173, 177	
+ nitrogen	vol 10	E45 - E47 E55, 80	
+ nitrous oxide	vol 8	E37, 103, 104	
+ oxygen	vol 7	E73, 135, 177	
+ silver cyanide + siver iodide + nitric acid, barium salt + potassium cyanide + nitric acid, potassium salt	vol 3	81	
+ sulfur dioxide	vol 12	E37 - E39, 101	
+ xenon	vol 2	E149, 151	
Potassium nitrate			
see nitric acid, potassium salt			
Potassium penicillin G			
see 4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenylacetyl)amino], monopotassium salt			
Potassium penicillin V			
see 4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenoxyacetyl)amino], monopotassium salt			
Potassium perchlorate			
see perchloric acid, potassium salt			
Potassium periodate			
see periodic acid, potassium salt			
Potassium permanganate			
see permanganic acid, potassium salt			
Potassium phosphate			
see phosphoric acid, potassium salt			
Potassium selenocyanate (aqueous)			
+ silver selenocyanate	vol 3	E90, 94 - 95	
+ silver selenocyanate + nitric acid, potassium salt	vol 3	E90, 96 - 97	
Potassium sulfate			
see sulfuric acid, potassium salt			
Potassium tetraphenylborate			
+ acetonitrile	vol 18	E31, E32, 33- 36	
+ formamide	vol 18	37	
+ methanol	vol 18	38	
+ 1-methyl-2-pyrrolidinone	vol 18	39	
+ 2-propanone	vol 18	E40, E41, 42	
+ water	vol 18	E7 - E10, 11- 14, 20	

Potassium tetraphenylborate (aqueous)			
+ lithium chloride + ethanol	vol 18	25,	26
+ lithium chloride + methanol + sodium hydroxide	vol 18	27 -	29
+ 2-propanone	vol 18	15,	16
	E21,	22,	23
+ 1,1'-sulfinylbismethane	vol 18		24
+ sulfuric acid, sodium salt	vol 18		17,
+ tris(hydroxymethyl)aminomethane + acetic acid	vol 18		18
		19	
+ urea	vol 18		30
Potassium thiocyanate			
see thiocyanic acid, potassium salt			
Praseodymium cobalt nitrate			
see nitric acid, cobalt praseodymium nitrate			
Praseodymium copper nitrate			
see nitric acid copper praseodymium nitrate			
Praseodymium manganese nitrate			
see nitric acid, praseodymium manganese salt			
Praseodymium nickel nitrate			
see nitric acid, nickel praseodymium nitrate			
Praseodymium nitrate			
see nitric acid, praseodymium salt			
Praseodymium zinc nitrate			
see nitric acid praseodymium zinc salt			
Prednisolone sodium succinate			
see pregn-1,4-diene-3,20-dione, 21-(3-carboxy-1-oxopropoxy)-11,17-dihydroxy-, monosodium salt, (11β)-			
Pregna-1,4-diene-3,20-dione, 9-fluoro-11,17-dihydroxy-16-methyl-21-(phosphonoxy)-, disodium salt, (11β,16β)-			
+ oxygen	vol 7	380,	381
Pregna-1,4-diene-3,20-dione, 9-fluoro-11,17-dihydroxy-16-methyl-21-(phosphonoxy)-, disodium salt, (11β,16α)-			
+ oxygen	vol 7	380,	381
Pregna-1,4-diene-3,20-dione, 21-(3-carboxy-1-oxopropoxy)-11,17-dihydroxy-, monosodium salt, (11β)-			
+ oxygen	vol 7	380,	381
Pregna-1,4-diene-3,20-dione, 21-(3-carboxy-1-oxopropoxy)-11,17-dihydroxy-6-methyl-, monosodium salt, (6α,11β)-			
+ oxygen	vol 7	380,	381
Pregn-4-ene-3,11,20-trione, 21-(acetyloxy)-17-hydroxy-			
+ oxygen	vol 7	380,	381
Pregn-4-ene-3,20-dione, 21-(3-carboxy-1-oxopropoxy)-11,17-dihydroxy-, monosodium salt,			
+ oxygen	vol 7	380,	381
Procaine hydrochloride			
see benzoic acid, 4-amino-2-(diethylamino)-ethyl ester, monohydrochloride			
Procaine penicillin G monohydrate			
see 4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenylacetyl)amino], complexed with 2-(diethylamino)ethyl-4-aminobenzoate (1:1) monohydrate			
Procaine penicillin G			
see 4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenylacetyl)amino], complexed with 2-(diethylamino)ethyl-4-aminobenzoate (1:1)			
Proline, 4-hydroxy-			
+ oxygen	vol 7	397,	400
Propanal			
+ argon	vol 4	E169 -	170
1-Propanamine			
+ hydrogen	vol 5/6	E482,	491 - 493
+ oxygen	vol 7		453
2-Propanamine			
+ hydrogen	vol 5	E482,	494

1-Propanaminium, N,N,N-tripropyl-, bromide (aqueous)		
+ argon	vol 4	E33, E34, 39 - 40
+ ethane	vol 9	E29, E30, 39
Propane		
+ ethane	vol 9	E110 - E112, 113 - 115
+ helium	vol 1	E254, 278
+ hydrogen	vol 5/6	E339, 340 - 345
+ nitrogen	vol 10	E402, 403 - 408
Propane (multi component)		
+ hydrogen	vol 5/6	553
Propane (ternary)		
+ hydrogen	vol 5/6	528, 529, 540 - 542, 545 - 548
+ nitrogen	vol 10	383, 384
Propane, 1-chloro-		
+ sulfur dioxide	vol 12	E1, E2
Propane, 2-chloro-		
+ sulfur dioxide	vol 12	E1, E2
Propane, 1-chloro-2-methyl-		
+ sulfur dioxide	vol 12	E1, E2
Propane, 2-chloro-2-methyl-		
+ sulfur dioxide	vol 12	E1, E2
Propane, 1,2-dibromo-1,1,2,3,3,3-hexafluoro-		
+ oxygen	vol 7	309
Propane, 1,2-dichloro-		
+ sulfur dioxide	vol 12	E1, E2, 306
Propane, 2,2-dimethyl-		
+ argon	vol 4	E253 - E255, 272
Propane, 1,1,1,2,3,3-hexafluoro-2-(heptafluoropropoxy)-3-(1,2,2-trifluoro-		
2-(1,2,2,2-tetrafluoroethoxy)-1-(trifluoromethyl)ethoxy)-	vol 7	388
+ oxygen		
Propane, 2-methyl-		
+ ethane	vol 9	E110 - E112, 117, 118
+ hydrogen	vol 5/6	E356, 375
+ nitrogen	vol 10	416, 417
Propane, 2-methyl-(ternary)		
+ nitrogen	vol 10	414, 415
Propane, nitro-		
+ tris(o-phenanthroline)ruthenium (11) tetraphenylborate (1-)	vol 18	134
Propane, 1,1'-oxybis-		
+ hydrogen	vol 5/6	E214, 218
+ nitrogen	vol 10	230
+ oxygen	vol 7	230
Propane, 2,2'-oxybis-		
+ sulfur dioxide	vol 12	234
+ tris(o-phenanthroline)ruthenium (11)tetraphenylborate (1-)	vol 18	129
Propane, 1,2,3-trichloro-		
+ sulfur dioxide	vol 12	E1, E2, 306
1,3-Propanediamine		
+ hydrogen	vol 5/6	E482, 497
1,2-Propanediamine		
+ hydrogen	vol 5/6	E482, 495, 496
1,3-Propanediamine, N-(2-aminoethyl)-N-(3-aminopropyl)-		
+ hydrogen	vol 5/6	E483, 508
1,3-Propanediamine, N-(3-aminopropyl)-		
+ hydrogen	vol 5/6	E483, 505
1,3-Propanediamine, N,N-dimethyl-		
+ hydrogen	vol 5/6	E482, 501
1,3-Propanediol		
+ hydrogen	vol 5/6	E442, 451
1,2-Propanediol		
+ sulfur dioxide	vol 12	204

1,3-Propanediol, 2-amino-2-(hydroxymethyl)-, (aqueous)			
+ cesium tetraphenylborate + acetic acid	vol 18		60
+ silver tetraphenylborate + acetic acid	vol 18		146
+ ammonium tetraphenylborate + acetic acid	vol 18		78
+ potassium tetraphenylborate + acetic acid	vol 18		19
+ rubidium tetraphenylborate + acetic acid	vol 18		47
+ thallium tetraphenylborate + acetic acid	vol 18		179
1,2,3-Propanetricarboxylic acid, 2-hydroxy-	vol 7		410
+ oxygen			
1,2,3-Propanetriol			
+ krypton	vol 2		81
+ nitrogen	vol 10	E84,	100 - 102
+ nitrous oxide	vol 8		185
+ oxygen	vol 7		305
+ radon -222	vol 2		286, 287
+ sulfur dioxide	vol 12		204, 219
1,2,3-Propanetriol (aqueous)			
+ argon	vol 4	E80 - E84,	98
+ hydrogen	vol 5/6		104, 105
+ iodic acid, barium salt	vol 14	E251, E252,	304
+ iodic acid, calcium salt	vol 14		E74, 169
+ nitrous oxide	vol 8		123 - 125
+ oxygen	vol 7		207, 409
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt + nitric acid, nitric acid	vol 3		199
1,2,3-Propanetriol (aqueous 1,2-ethanediol)	vol 4	E80 - E84,	100
1,2,3-Propanetriol (aqueous methanol)	vol 4	E80 - E84,	99
1,2,3-Propanetriol, triacetate			
+ argon	vol 4	E253 -E255,	306
+ hydrogen	vol 5/6		480
+ nitrogen	vol 10		452
+ radon -222	vol 2		314
Propanoic acid			
+ argon	vol 4	E169,	170
+ nitrogen	vol 10	E84,	94, 95
+ nitrous oxide	vol 8	E116,	133, 134
+ oxygen	vol 7		453
+ ozone	vol 7		492
+ radon -222	vol 2	E294, 295,	296
+ sulfur dioxide	vol 12		213
Propanoic acid (aqueous)			
+ ozone	vol 7		493
Propanoic acid, sodium salt (aqueous)			
+ oxygen	vol 7		451
Propanoic acid, 2-hydroxy-, monosodium salt (aqueous)			
+ iodic acid, calcium salt	vol 14	E75, E76,	112
Propanoic acid, 2-methyl-			
+ nitrogen	vol 10		222
+ radon-222	vol 2		298
Propanoic acid, 2-methyl- (aqueous)			
+ nitrogen	vol 10		E83, 103
Propanoic acid, 2-oxo-, sodium salt (aqueous)			
+ iodic acid, calcium salt	vol 14	E75, E76,	111
1-Propanol			
+ argon	vol 4	E169 -E170, E180 -E181, 182 - 184, E253 -E255,	284

1-Propanol			
+ ethane	vol 9	E166, E167, 176 - 178	
+ hydrogen	vol 5/6	E187, 200, 201, E441, 446	
+ krypton	vol 2	75	
+ nitrogen	vol 10	E174, E175, E177, 178, 191 - 194	
+ nitrous oxide	vol 8	186, 192	
+ oxygen	vol 7	E263, 277, 304, 453	
+ radon-222	vol 2	278	
+ sodium tetraphenylborate	vol 18	6	
+ tetraethylammonium tetraphenylborate	vol 18		105
+ tetramethylammonium tetraphenylborate(1-)	vol 18		111
+ tetrapropylammonium tetraphenylborate	vol 18		114
+ water	vol 15	1	
+ xenon	vol 2	170	
1-Propanol (aqueous)			
+ argon	vol 4	E80 - E84, 92	
+ ethane	vol 9	E64, 65	
+ iodic acid, barium salt	vol 14	E251, E252, 302	
+ iodic acid, calcium salt	vol 14	E74, 167	
+ nitrogen	vol 10	E84, 96, 97	
+ nitrous oxide	vol 8	119, 120	
+ oxygen	vol 7	E191, 203, 204	
+ sulfur dioxide	vol 12	114, 115	
+ thiocyanic acid, silver salt + nitric acid, potassium salt + thiocyanic acid, potassium salt	vol 3	205	
1-Propanol (ternary)			
+ nitrogen	vol 10	E104, 115, 116	
2-Propanol			
+ hydrogen	vol 5/6	E188, E441, 447 - 449	
+ nitrogen	vol 10	E175, 195, 196	
+ nitrous oxide	vol 8	186, 192	
+ oxygen	vol 7	E263, 264, 278, 304	
+ radon-222	vol 2	279	
+ sulfur dioxide	vol 12	192	
+ tris(<i>o</i> -phenanthroline)ruthenium (11)tetraphenylborate (1-)	vol 18	128	
+ water	vol 15	2	
2-Propanol (aqueous)			
+ argon	vol 4	E80 - E84, 93	
+ nitrogen	vol 10	E84, 98, 99	
+ nitrous oxide	vol 8	121	
+ oxygen	vol 7	E191, 205, 206	
+ silver tetraphenylborate + methylbenzene	vol 18	147, 148	
+ thiocyanic acid, silver salt + nitric acid, potassium salt + thiocyanic acid, potassium salt	vol 3	206	
+ triisoamylbutylammonium tetraphenylborate + methylbenzene	vol 18	86	
2-Propanol (ternary)			
+ hydrogen	vol 5/6	106 - 108	
iso-Propanol			
see 2-propanol			
2-Propanol, 1-amino-			
+ nitrous oxide	vol 8	140	
1-Propanol, 2,2-dimethyl-			
+ water	vol 15	E123, 124, 125	

2-Propanol, 1,1'-iminobis- (aqueous)		
+ nitrous oxide	vol 8	142
1-Propanol, 2-methyl-		
+ argon	vol 4	E169, E170, 190 - 191, E253-E255, 287
+ helium	vol 1	85
+ hydrogen	vol 5/6	E442, 455 - 459
+ krypton	vol 2	77
+ neon	vol 1	230
+ nitrogen	vol 10	E175, E176, 201
+ oxygen	vol 7	E265, 281
+ radon-222	vol 2	282
+ water	vol 15	E3 - E7, 8 - 28
1-Propanol, 2-methyl- (aqueous)-	vol 4	E81
+ argon		
2-Propanol, 2-methyl-		
+ argon	vol 4	E169, E170, 190
+ hydrogen	vol 5/6	106 - 108
+ oxygen	vol 7	E192, 208 - 210
+ sulfur dioxide	vol 12	192
+ water	vol 15	29 - 31
2-Propanol, 2-methyl- (aqueous)		
+ argon	vol 4	E80-E84, 94 - 95
+ helium	vol 1	37
+ oxygen	vol 7	E192, 208 - 210
2-Propanol, 2-methyl- (aqueous potassium chloride)	vol 4	E34, E35
+ argon		
1-Propanol, oxybis-		
+ ethane	vol 9	E166, E167, 193
iso-Propanolamine		
see 2-propanol, 1-amino-		
2-Propanone		
+ argon	vol 4	E169, E170, 203, E253 - 255, 297- 298
+ ethane	vol 9	E195- E199, 206, E232, E233, 246
+ helium	vol 1	89
+ hydrogen	vol 5/6	E221, 223, 224
+ krypton	vol 2	83
+ neon	vol 1	234
+ nitrogen	vol 10	E216, 217, 219
+ nitrous oxide	vol 8	E160, 193 - 196
+ oxygen	vol 7 ..	E265, 281, 290 - 293
+ potassium tetraphenylborate	vol 18	E40 - E41, 42
+ radon -222	vol 2	289
+ silver tetraphenylborate + perchloric acid, sodium salt		
+ sodium tetraphenylborate	vol 18	173
+ sulfur dioxide	vol 12	E189, E191 207 - 212
+ tetraphenylarsonium tetraphenylborate (1-)	vol 18	224
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt	vol 3	207
+ tris(o-phenanthroline)ruthenium (11)tetraphenylborate (1-)	vol 18	135, 136
2-Propanone (aqueous)		
+ ammonium tetraphenylborate	vol 18	79
+ argon	vol 4	E82, E83
+ cesium tetraphenylborate	vol 18	63
+ iodic acid, barium salt	vol 14	E251, E252, 305
+ iodic acid, calcium salt	vol 14	E74, 172
+ potassium tetraphenylborate	vol 18	15, 16
		E21, 22, 23

2-Propanone			
+ rubidium tetraphenylborate	vol 18		48
+ sodium tetraphenylborate	vol 18		4
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt			
+ nitric acid, potassium salt	vol 3	E177, 179 - 180	
+ thiocyanic acid, silver salt + thiocyanic acid, potassium salt			
+ perchloric acid, potassium salt	vol 3	E177, 181 - 182,	
		183	
2-Propanone (aqueous potassium chloride)			
+ argon	vol 4	E34, E35	
2-Propanone (ternary)			
+ hydrogen	vol 5/6	153, 168,	212
+ nitric oxide	vol 8	310,	324
+ nitrogen	vol 10	E105, 106,	114
+ sulfur dioxide	vol 12		178
1-Propene			
+ argon	vol 4	E253-E255,	276
+ ethane	vol 9	E232, E233,	235
+ hydrogen	vol 5/6	E400, 401,	402
+ krypton	vol 2	50,	51
+ nitrogen	vol 10	400,	401
1-Propene (multi component)			
+ hydrogen	vol 5/6		553
1-Propene (ternary)			
+ hydrogen	vol 5/6		547 - 551
1-Propene, 2-methyl-			
+ nitrogen	vol 10		418
+ sulfur dioxide	vol 12		E1, E2
2-Propenoic acid			
+ radon -222	vol 2		297
Propicillin potassium			
see 4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(1-oxo-2-phenoxybutyl)amino]- monopotassium salt			
Propionic acid			
see propanoic acid			
Propyl acetate			
see Acetic acid, propyl ester			
iso-Propyl alcohol			
see 2-propanol			
Propylammonium tetraphenylborate			
+ water	vol 18		96
Propylbenzene			
see benzene, propyl-			
iso-Propylbenzene			
see benzene, (1-methylethyl)-			
Propylene			
see 1-Propene			
Propylene carbonate			
see 1,3-dioxolan-2-one, 4-methyl-			
Propylene glycol			
see 1,2-Propanediol			
iso-Propyl ether			
see propane, 2,2'-oxybis-			
Propylethyl carbinol			
see 3-Hexanol			
iso-Propylethyl carbinol			
see 3-pentanol, 2-methyl-			
Propyl nitrate			
see nitric acid, propyl ester			
Pullulan			
+ oxygen	vol 7		435
Pyran, 2,3-dihydro-			
+ hydrogen	vol 5/6	E215,	219
+ nitrogen	vol 10		229

2H-Pyran, tetrahydro-			
+ hydrogen	vol 5/6	E215,	219
+ nitrogen	vol 10		229
+ oxygen	vol 7		301
Pyridine			
+ hydrogen	vol 5/6		265
+ nitrogen	vol 10		263
+ nitrous oxide	vol 8	216,	217
+ oxygen	vol 7		352
+ sulfur dioxide	vol 12	E261, E262,	
		278 -	280
Pyridine (ternary)			
+ nitric oxide	vol 8		310
Pyridine (aqueous)			
+ silver azide	vol 3		19
+ oxygen	vol 7		352
+ silver azide	vol 3		29
Pyridine, 2-chloro-6-(trichloromethyl)-			
+ chlorine	vol 12		437
Pyridine, 5-chloro-2-(trichloromethyl)- (ternary)			
+ chlorine	vol 12		438
Pyridine, 3,5-dichloro-2-(dichloromethyl)- (ternary)			
+ chlorine	vol 12		438
Pyridine, 3,5-dichloro-2-(trichloromethyl)- (ternary)			
+ chlorine	vol 12		438
Pyridine, methyl-			
+ sulfur dioxide	vol 12		278
Pyridine nitrate			
+ nitric acid, erbium salt	vol 13		441
+ water	vol 13	102, 103,	213,
		214,	331,
			397,
			423,
			441
Pyridine nitrate (aqueous)			
+ nitric acid, cerium salt	vol 13		213,
+ nitric acid, dysprosium salt	vol 13	E416, E417,	423
+ nitric acid, gadolinium salt	vol 13		397
+ nitric acid, lanthanum salt	vol 13		102,
+ nitric acid, neodymium salt	vol 13		103
+ nitric acid, praseodymium salt	vol 13		331
			269,
			270
Pyridine, 3,4,5-trichloro-2-(dichloromethyl)-			
+ chlorine	vol 12		433
Pyridine, 2-(trichloromethyl)-			
+ chlorine	vol 12		442
Pyridine, 3,4,5-trichloro-2-(trichloromethyl)-			
+ chlorine	vol 12..		432
Pyridine, trimethyl-			
+ sulfur dioxide	vol 12		297
Pyridinium tetraphenylborate			
+ water	vol 18		97
Pyridinium, 4-(aminocarbonyl)-1[[[2-carboxy-8-oxo-7-(phenylsulfoacetyl)-amino]-5-thia-1-azobicyclo[4,2,0]oct-2-en-3-yl]methyl]-hydroxide, inner salt, monosodium salt			
+ acetic acid, ethyl ester	vol 16/17	E733,	737
+ hexane	vol 16/17	E733,	738
+ methane, trichloro-	vol 16/17	E733,	739
+ methanol	vol 16/17	E733,	735
+ phosphoric acid, disodium salt (multicomponent)	vol 16/17	E733,	734
+ water	vol 16/17	E733,	734
+ 1,2,3-propanetricarboxylic acid, 2-hydroxy	vol 16/17	E733,	734
+ 2-propanone	vol 16/17	E733,	736
Pyridinium, 1-[[2-carboxy-8-oxo-7-[2-thienylacetyl]amino-5-thia-1-aza bicyclo[4,2,0]oct-2-en-3-yl]methyl]- hydroxide, inner salt			
+ acetic acid, ethyl ester	vol 16/17	E706,	719
+ benzene	vol 16/17	E706,	715
+ 1-butanol, 3-methyl-	vol 16/17	E706,	713

Pyridinium, 1-[[2-carboxy-8-oxo-7-[2-thienylacetyl]amino-5-thia-1-aza bicyclo[4.2.0]oct-2-en-3-yl]methyl]- hydroxide, inner salt		
+ 1-butanol, 3-methyl- acetate	vol 16/17	E706, 720
+ 2-butanone	vol 16/17	E706, 722
+ carbon disulfide	vol 16/17	E706, 727
+ cyclohexane	vol 16/17	E706, 714
+ 1,4-dioxane	vol 16/17	E706, 725
+ ethane, dichloro-	vol 16/17	E706, 724
+ 1,2-ethanediol	vol 16/17	E706, 730
+ ethane, 1,1'-oxybis-	vol 16/17	E706, 723
+ ethanol	vol 16/17	E706, 711
+ formamide	vol 16/17	E706, 729
+ hydrochloric acid	vol 16/17	E706, 708
+ methane, tetrachloride	vol 16/17	E706, 718
+ methane, sulfinylbis-	vol 16/17	E706, 732
+ methane, trichloro-	vol 16/17	E706, 726
+ methanol	vol 16/17	E706, 710
+ pentane, 2,2,4-trimethyl-	vol 16/17	E706, 717
+ petroleum ether	vol 16/17	E706, 716
+ 1,2-propanediol	vol 16/17	E706, 731
+ 2-propanol	vol 16/17	E706, 712
+ 2-propanone	vol 16/17	E706, 721
+ pyridine	vol 16/17	E706, 728
+ sodium hydroxide (aqueous)	vol 16/17	E706, 709
+ water	vol 16/17	E706, 707 - 709
Pyrrolidine		
+ hydrogen	vol 5/6	265, E482, 499
+ nitrogen	vol 10	263
+ oxygen	vol 7	352
Pyrrolidine, 1-methyl-		
+ hydrogen	vol 5/6	E482, 498
Pyrrolidine, 2-methyl-		
+ hydrogen	vol 5/6	511
2-Pyrrolidinone, 1-methyl-		
+ ethane	vol 9	E195 -E199, 216, 217
+ hydrogen	vol 5/6	511
+ nitrogen	vol 10	462
+ potassium tetraphenylborate	vol 18	39
+ sodium tetraphenylborate	vol 18	5
+ silver tetraphenylborate		
+ sodium tetraphenylborate		
+ perchloric acid, sodium salt	vol 18	170
+ sulfur dioxide	vol 12	281
+ tetrabutylammonium		
tetraphenylborate	vol 18	102
+ tetraphenylarsonium		
tetraphenylborate (1-)	vol 18	221
+ thallium (1)		
tetraphenylborate (1-)	vol 18	180
2-Pyrrolidinone, N-methyl-		
+ silver azide + sodium azide		
+ nitric acid, sodium salt	vol 3	30
+ thiocyanic acid, silver salt		
+ thiocyanic acid, potassium salt		
+ nitric acid, potassium salt	vol 3	229
2-Pyrrolidinone, 1,5-dimethyl-		
+ argon	vol 4	E253 - 255, 311
+ hydrogen	vol 5/6	512
+ nitrogen	vol 10	463

Quinoline			
+ hydrogen	vol 5/6		510
+ sulfur dioxide	vol 12		278
Quinoline, 6-methyl-, nitrate	vol 13		443
+ water			
Quinoline, 6-methyl-, nitrate (aqueous)	vol 13		443
+ nitric acid, erbium salt			
Quinoline, 8-methyl-, nitrate	vol 13		399, E416, E417,
+ water			426, 428
Quinoline, 8-methyl-, nitrate (aqueous)	vol 13	E416, E417,	426
+ nitric acid, dysprosium salt	vol 13		399
+ nitric acid, gadolinium salt	vol 13		
Quinoline nitrate	vol 13	106, 107,	332,
+ water		333, 398,	425,
			442
Quinoline nitrate (aqueous)			
+ nitric acid, dysprosium salt	vol 13	E416, E417,	425
+ nitric acid, erbium salt	vol 13		442
+ nitric acid, gadolinium salt	vol 13		398
+ nitric acid, lanthanum salt	vol 13		106, 107
+ nitric acid, neodymium salt	vol 13		332, 333
+ nitric acid, praseodymium salt	vol 13		272, 273
Quinolinol (aqueous)			
+ nitric acid, dysprosium nitrate	vol 13	E416, E417,	427
Quinolinol nitrate	vol 13		400, 427
+ water			
Quinolinol nitrate (aqueous)	vol 13	E416, E417,	427
+ nitric acid			400
+ nitric acid, gadolinium salt	vol 13		

Rabbit blood		
see Blood, rabbit		
Rabbit brain		
see Brain, rabbit		
Rabbit, choroid layer		
+ krypton-85	vol 2	127
Rabbit, erythrocytes		
+ krypton-85	vol 2	127
Rabbit heart		
+ nitrous oxide	vol 8	E226, E227, 240
Rabbit kidney		
+ nitrous oxide	vol 8	E226, E227, 240
Rabbit leg muscle (saline homogenate)		
+ krypton	vol 2	128
+ xenon	vol 2	222
Rabbit liver		
+ nitrous oxide	vol 8	E226, E227, 240
Rabbit muscle		
+ nitrous oxide	vol 8	E226, E227, 240
Rabbit, plasma		
+ krypton-85	vol 2	127
Rabbit, retina		
+ krypton-85	vol 2	127
Rabbit, sclera		
+ krypton-85	vol 2	127
Rabbit, vitreous body		
+ krypton-85	vol 2	127
Rat abdominal muscle		
+ hydrogen	vol 5/6	278
+ nitrous oxide	vol 8	E226, E227, 247
+ helium	vol 1	121
Rat blood (venous)		
see Blood, rat (venous)		
Rat fatty acids (extracted)		
+ radon-222	vol 2	335
Rat fat (pooled)		
+ krypton	vol 2	
+ radon-222	vol 2	336
+ xenon	vol 2	E199, 203
Rat tissues		
+ radon-222	vol 2	336
Red blood cells		
see Human red blood cells		
Red blood cell ghosts (in phosphate buffer)		
+ nitrogen	vol 10	298
+ oxygen	vol 7	382
Red cell membrane		
see Human red cell membrane		
Redfish oil		
+ oxygen	vol 7	362, 363
Resorcinol dimethyl ester		
see Benzene, 1,3-dimethoxy-		
Retina		
see Rabbit retina		
Rubber		
+ sulfur dioxide	vol 12	332
Rubidium bromide		
+ formamide	vol 11	E52, 53
Rubidium bromide (aqueous)		
+ oxygen	vol 7	E74, E75, 134
Rubidium chloride (aqueous)		
+ argon	vol 4	E33 - 36, 68, 76
+ neon	vol 1	E141, 174

Rubidium chloride (aqueous)			
+ nitrous oxide	vol 8	E38,	113
+ oxygen	vol 7	E74,	E75,
		133,	181
Rubidium fluoride (aqueous)			
+ oxygen	vol 7	E74,	E75,
Rubidium hydroxide (aqueous)			132
+ oxygen	vol 7	E74,	E75,
Rubidium iodate			131
see Iodic acid, rubidium salt			
Rubidium iodide (aqueous)			
+ oxygen	vol 7	E74,	E75,
Rubidium nitrate			135
see Nitric acid, rubidium salt			
Rubidium perchlorate			
see Perchloric acid, rubidium salt			
Rubidium sulfate			
see Sulfuric acid, rubidium salt			
Rubidium tetraphenylborate			
+ acetonitrile	vol 18		49
+ ethane, 1,2-dichloro-	vol 18		50
+ water	vol 18	E43,	44 - 46
Rubidium tetraphenylborate (aqueous)			
+ lithium chloride + ethanol	vol 18		51
+ 2-propanone	vol 18		48
+ tris(hydroxymethyl)aminoethane + acetic acid	vol 18		47

Saline			
+ nitrogen	vol 10		293
Saline solution			
see also Sodium chloride (aqueous)			
Samarium cobalt nitrate			
see Nitric acid, cobalt samarium salt			
Samarium manganese nitrate			
see Nitric acid, manganese samarium salt			
Samarium nickel nitrate			
see Nitric acid, nickel samarium salt			
Samarium nitrate trihydrate			
see Nitric acid, samarium salt (trihydrate)			
Samarium nitrate			
see Nitric acid, samarium salt			
Samarium zinc nitrate			
see Nitric acid, samarium zinc salt			
Santowax R			
+ helium	vol 1		356
+ hydrogen	vol 5/6		526
+ nitrogen	vol 10		502
Scalp			
see Human fetal scalp			
Scandium nitrate			
see Nitric acid, scandium salt			
Sclera			
see Rabbit sclera			
SDS			
see Sulfuric acid, monododecyl ester sodium salt			
Sea water			
+ argon	vol 4	E27 -	28,
		29 -	32
+ argon + nitrogen + oxygen	vol 10	37,	38
+ hydrogen	vol 5/6	E17,	E18,
		19 -	24
+ helium	vol 1	E16,	17
+ helium-3	vol 1		19
+ krypton	vol 2	E9,	10,
+ neon	vol 1	E138,	11
+ nitrogen	vol 10	E31 -	E33,
		34 -	44
+ nitrous oxide	vol 8	E23,	E24,
		25,	26
+ oxygen	vol 7	E41 -	E43,
		44 -	55
+ sulfur dioxide	vol 12	E34,	35,
+ radon-222	vol 2		36
+ xenon	vol 2	236,	237
		147,	148
Selenic acid (ternary)			
+ nitric oxide	vol 8		295
Selenic acid, iron (2+) salt (aqueous)			
+ nitric oxide	vol 8	E265, E266,	296
Selenic acid, iron (2+) salt (in aqueous ethanol solution)			
+ nitric oxide	vol 8	E265, E266,	294
Selenic acid, iron (2+) salt (in aqueous selenic acid)			
+ nitric oxide	vol 8	E265, E266,	295
Seminal vesicles			
see guinea pig seminal vesicles			
Serine, monosodium salt (aqueous)			
+ iodic acid, calcium salt	vol 14	E76, E77,	116
Serum albumen	see Bovine serum albumen in addition to entries below		
Serum albumen			
+ argon	vol 4		247
+ hydrogen	vol 5/6		113
+ nitrogen	vol 10		297
+ nitrous oxide	vol 8	E226, E227,	248 - 250
			388, 390
+ oxygen	vol 7		

Sheep placental tissue				
+ hydrogen	vol 5/6		276	
+ oxygen	vol 7		384	
Silane, tetrachloro-				
+ chlorine	vol 12	E354 -E366,	446	
+ nitrogen	vol 10		252	
Silane, trichloro-				
+ nitrogen	vol 10		252	
Silica (aqueous suspension)				
+ nitrous oxide	vol 8		149	
Silicic acid				
+ nitrous oxide	vol 8		150, 151	
Silicone fluid				
+ oxygen	vol 7		438, 441	
Silicone oil				
+ helium	vol 1		117	
+ xenon	vol 2		192	
Silicon tetrachloride				
see Silane, tetrachloro-				
Silver argentocyanide				
see Silver cyanide				
Silver azide				
+ nitric acid, tetraethylammonium salt + nitric acid,				
sodium salt + methanol	vol 3		28	
+ pyridine	vol 3		29	
+ sodium azide + nitric acid, sodium salt + dimethylacetamide	vol 3		21	
+ sodium azide + nitric acid, sodium salt + dimethylformamide	vol 3		22	
+ sodium azide + nitric acid, sodium salt + formamide	vol 3		26	
+ sodium azide + nitric acid, sodium salt				
+ hexmethylphosphorotriamide	vol 3		27	
+ sodium azide + nitric acid, sodium salt + methanol	vol 3		28	
+ sodium azide + nitric acid, sodium salt				
+ N-methyl-2-pyrrolidinone	vol 3		30	
+ tetraethylammonium azide + nitric acid,				
tetraethylammonium salt + acetonitrile	vol 3		20	
+ tetraethylammonium azide + nitric acid,				
tetraethylammonium salt + dimethyl sulfoxide	vol 3	E23,	24	
+ tetraethylammonium azide + nitric acid,				
tetraethylammonium salt + formamide	vol 3		26	
+ tetraethylammonium azide + perchloric acid,				
tetraethylammonium salt + dimethyl sulfoxide	vol 3	E23,	25	
Silver azide (aqueous)				
+ ammonia	vol 3	E1, E7 -	8, 17	
+ potassium azide	vol 3		14	
+ pyridine	vol 3		19	
+ methane, 1,1'-sulfinylbis-	vol 3		E23	
+ sodium azide	vol 3	E1, E6,	10 - 11	
+ sodium azide + nitric acid, potassium salt	vol 3		9	
+ sodium azide + perchloric acid	vol 3	E1, 15 -	16	
+ tetraethylammonium azide + perchloric acid,				
tetraethylammonium salt + dimethyl sulfoxide	vol 3		18	
+ thallium azide	vol 3	E2, 12 -	13	
Silver bromide (aqueous)				
+ silver cyanide + potassium bromide + bis-(cyano-C-)potassium				
argentate	vol 3	E45,	64	

Silver bromide (aqueous)		
+ thiocyanic acid, silver salt + potassium bromide		
+ thiocyanic acid, potassium salt	vol 3	E102, 127
Silver chloride (aqueous)		
+ silver cyanide + potassium chloride + bis-(cyano-C-)potassium		
argentate	vol 3	E45, 63
+ thiocyanic acid, silver salt + potassium chloride		
+ thiocyanic acid, potassium salt	vol 3	E102, 126
Silver cyanamide		
+ water	vol 3	E31, 32
Silver cyanamide (aqueous)		
+ nitric acid, potassium salt + nitric acid	vol 3	E31, 33
Silver cyanate		
+ water	vol 3	E38 - E39,
Silver cyanate (aqueous)		
+ potassium cyanide	vol 3	E38 - E39,
43 - 44		
+ sodium cyanide	vol 3	E38 - E39, 42
		40 - 41
Silver cyanide		
+ hydrogen cyanide	vol 3	E86
+ hydrogen fluoride	vol 3	87
+ nitric acid + sulfuric acid + hydrogen cyanide	vol 3	E86
+ sulfur dioxide	vol 3	88
+ tetraethylammonium cyanide + perchloric acid,		
tetraethylammonium salt + dimethyl sulfoxide	vol 3	
+ tetraethylammonium cyanide + perchloric acid,		84
tetraethylammonium salt + nitromethane	vol 3	
+ water	vol 3	85
		E45, E52,
		61 - 62
Silver cyanide (aqueous)		
+ ammonia	vol 3	E47, E54 - 55,
		59, 66
+ ammonia + nitric acid, silver salt + bis(cyano-C-) potassium		
argentate	vol 3	66
+ bis(cyano-C-) potassium argentate + sodium hydroxide		
+ hydrogen cyanide	vol 3	75 - 76
		E46, E53 - 54,
		70 - 71
+ nitric acid, silver salt	vol 3	E47, 60
+ perchloric acid + sodium cyanide + perchloric acid, sodium		
salt	vol 3	79 - 80
+ potassium cyanide	vol 3	E45, 68 - 69,
		78
+ potassium cyanide + nitric acid, potassium salt		
vol 3	72 - 73,	
		77, 78
+ silver bromide + potassium bromide + bis(cyano-C-) potassium		
argentate	vol 3	E45, 64
+ silver chloride + potassium chloride + bis(cyano-C-) potassium		
argentate	vol 3	E45, 63
+ silver iodide + nitric acid, barium salt + potassium cyanide		
+ potassium iodide + nitric acid, potassium salt	vol 3	81
+ sodium cyanide + perchloric acid, sodium salt		
+ sodium hydroxide	vol 3	E47, 79 - 80
+ thiocyanic acid, silver salt + bis(cyano-C-) potassium		
argentate + thiocyanic acid, potassium salt	vol 3	E46, 65, E102,
		122 - 123
Silver dicyanamide		
+ water	vol 3	34 - 35

Silver iodide			
+ silver cyanide + nitric acid, barium salt + potassium cyanide + potassium iodide + nitric acid, potassium salt	vol 3	E90,	81
Silver nitrate			
see Nitric acid, silver salt			
Selenocyanic acid, silver salt	vol 3	E90,	92 - 93
+ water			
Selenocyanic acid, silver salt (aqueous)	vol 3	E90 - 91, 98 - 99	
+ nitric acid, silver salt	vol 3	E90 - 91, 100 - 101	
+ perchloric acid, silver salt	vol 3	E90, 94 - 95	
+ selenocyanic acid, potassium salt	vol 3	E90, 96 - 97	
Silver tetraphenylborate (1-)			
+ acetonitrile	vol 18	E149	
+ formamide, N,N-dimethyl-	vol 18	E154	
+ methane, sulfinylbis-	vol 18	E158, 159,	162
+ methanol	vol 18		166
+ nitric acid, sodium salt + sodium tetraphenylborate + acetonitrile	vol 18		150
+ nitric acid, sodium salt + sodium tetraphenylborate + N,N-dimethylacetamide	vol 18		153
+ nitric acid, sodium salt + sodium tetraphenylborate + N,N-dimethylformamide	vol 18		155
+ nitric acid, sodium salt + sodium tetraphenylborate + methanol	vol 18		167
+ nitric acid, sodium salt + sodium tetraphenylborate + nitromethane	vol 18		169
+ perchloric acid, sodium salt + sodium tetraphenylborate + acetonitrile	vol 18		151
+ perchloric acid, sodium salt + sodium tetraphenylborate + ethanol	vol 18		163
+ perchloric acid, sodium salt + sodium tetraphenylborate + N,N-dimethylformamide	vol 18		156
+ perchloric acid, sodium salt + sodium tetraphenylborate + N-methyl-2-pyrolidinone	vol 18		170
+ perchloric acid, sodium salt + sodium tetraphenylborate + nitromethane	vol 18		171
+ perchloric acid, sodium salt + sodium tetraphenylborate + sulfinylbismethane	vol 18		160
+ perchloric acid, sodium salt + sodium tetraphenylborate + tetrahydrothiophene-1,1-dioxide	vol 18		176
+ phosphoric triamide, hexamethyl-	vol 18		165
+ sodium tetraphenylborate + acetonitrile	vol 18		152
+ sodium tetraphenylborate + N,N-dimethylformamide	vol 18		157
+ sodium tetraphenylborate + perchloric acid, sodium salt + 4-methyl-1,3-dioxolan-2-one	vol 18		172
+ sodium tetraphenylborate + perchloric acid, sodium salt + 2-propanone	vol 18		173
+ sodium tetraphenylborate + sodium bromide + methanol	vol 18	168,	169
+ sodium tetraphenylborate + sulfinylbismethane	vol 18		161
+ thiophene, tetrahydro-, 1,1-dioxide	vol 18	174,	175
+ water	vol 18		E140

Silver tetraphenylborate (1-) (aqueous)			
+ nitric acid, sodium salt + sodium tetraphenylborate	vol 18		143
+ 2-propanol + methylbenzene	vol 18	147,	148
+ sodium tetraphenylborate	vol 18	141,	142
+ sodium tetraphenylborate + sodium iodide	vol 18	144,	145
+ tris(hydroxymethyl)aminomethane + acetic acid	vol 18		146
Skeletal muscle			
see Human fetal skeletal muscle			
Skin			
see Human fetal skin			
Small intestine			
see Guinea pig small intestine			
Sodium acetate			
see Acetic acid, sodium salt			
Sodium aminopropionate			
see DL-alanine, monosodium salt			
Sodium aminoacetate			
see Glycine, monosodium salt			
Sodium bicarbonate			
see Carbonic acid, monosodium salt			
Sodium bisulfate			
see Sulfuric acid, monosodium salt			
Sodium bisulfite			
see Sulfurous acid, monosodium salt			
Sodium bromide			
+ acetamide, N,N-dimethyl-	vol 11	E319,	320
+ acetamide, N-methyl-	vol 11	E262,	263 - 265
+ formamide	vol 11	E14,	E15,
		16 -	20
+ formamide, N,N-dimethyl-	vol 11	E168,	169, 170
+ formamide, N-methyl-	vol 11	E101,	102 - 105
+ silver tetraphenylborate + sodium tetraphenylborate			
+ methanol	vol 18	168,	169
Sodium bromide (aqueous)			
+ argon	vol 4	E33 -	36, 54
+ ethane	vol 9	E32,	51
+ helium	vol 1	E20,	30
+ neon	vol 1	E141,	164
+ nitrous oxide	vol 8	E33,	85
+ oxygen	vol 7	134,	147
+ sulfur dioxide	vol 12	E37 - E39,	89
Sodium bromoacetate			
see Acetic acid, bromo-, sodium salt			
Sodium butanoate			
see Butanoic acid, sodium salt			
Sodium butyrate			
see Butanoic acid, sodium salt			
Sodium carbonate			
see Carbonic acid, disodium salt			
Sodium chlorate			
see Chloric acid, sodium salt			
Sodium chloride			
+ acetamide, N,N-dimethyl-	vol 11	E317,	318
+ acetamide, N-methyl-	vol 11	E258,	E259,
		260,	261
+ formamide	vol 11	E9,	10 - 13
+ formamide, N,N-dimethyl-	vol 11	E162,	163 - 167
+ formamide, N-methyl-	vol 11	E96,	97 - 100
Sodium chloride (aqueous)			
+ air	vol 10	513,	514
+ argon	vol 4	E33 -	36,
		47 -	53, 70

Sodium chloride (aqueous)		
+ calcium hydroxide + iodic acid, calcium salt	vol 14	102
+ chloric acid, barium salt	vol 14	E210, 215
+ chlorine	vol 12	E349, 352
+ ethane	vol 9	E31, E32, 46 - 50, 55, 56
+ helium	vol 1	E20, 29, 30, 31, 261
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+ iodic acid, calcium salt	vol 14	E70, E72, 94 - 99
+ iodic acid, calcium salt + hydrochloric acid	vol 14	98
+ iodic acid, calcium salt + sodium hydroxide	vol 14	99
+ iodic acid, calcium salt + sucrose	vol 14	103
+ iodic acid, strontium salt	vol 14	E195, 200, 201
+ krypton-85	vol 2	124 - 125
+ krypton	vol 2	E12, E13, 20, 21
+ neon	vol 1	E141, 165, 176, 178
+ nitric oxide	vol 8	E266, 332, 333
+ nitrogen	vol 10	E45 - E47, E50- E52, 67 - 71 348 - 351
+ nitrous oxide	vol 8	E33, 80 - 84, 241
+ oxygen	vol 7	E68, E69, 133, 140 - 146, 397
+ potassium chloride + iodic acid, calcium salt	vol 14	100, 101
+ radon-222	vol 2	E238 - E241, 251, 252
+ sulfur dioxide	vol 12	E37 - E39, 88
+ xenon-133	vol 2	213, 217, 218
+ xenon	vol 2	E149, 151 - 153, 213, 217, 218
Sodium chloride (ternary)		
+ nitric oxide	vol 8	334, 335
Sodium cyanate (aqueous)	"	
+ cyanic acid, silver salt	vol 3	E38 - 39, 42
Sodium cyanide		
+ formamide, N,N-dimethyl-		
Sodium cyanide (aqueous)		
+ silver cyanide + perchloric acid, sodium salt		
+ perchloric acid	vol 3	79 - 80
+ silver cyanide + perchloric acid, sodium salt		
+ sodium hydroxide	vol 3	79 - 80
Sodium cyano-acetate		
see Acetic acid, cyano-, sodium salt		
Sodium dicyanoargentate		
+ water	vol 3	57
Sodium dicyanoargentate (aqueous)		
+ silver cyanide + sodium hydroxide	vol 3	75 - 76
+ ethanol	vol 3	82
Sodium dithiocyanatoargentate (aqueous)		
+ thiocyanic acid, silver salt + thiocyanic acid, sodium salt		
+ perchloric acid	vol 3	E104, 162 - 163
+ thiocyanic acid, sodium salt + perchloric acid, sodium salt		
+ ethanol	vol 3	E104, 157 - 158

Sodium dithionite			
see Dithionous acid, sodium salt			
Sodium dodecyl sulfate			
see Sulfuric acid, monododecyl ester sodium salt			
Sodium fluoride			
+ formamide	vol 11	E7,	8
+ formamide, N,N-dimethyl-	vol 11	E159,	160, 161
Sodium fluoride (aqueous)			
+ oxygen	vol 7	E68,	132
Sodium gluconate			
see D-gluconic acid, monosodium salt			
Sodium glutamate			
see DL-glutamic acid, disodium salt			
Sodium glycolate			
see Acetic acid, hydroxy-, monosodium salt			
Sodium glycyl glycinate			
see Glycine, N-glycyl-, sodium salt			
Sodium hexanoate			
see Hexanoic acid, sodium salt			
Sodium hydroxide (aqueous)			
+ alanine + iodic acid, barium salt	vol 14	E252,	E253, 286
+ butyltriisopentylammonium tetraphenylborate	vol 18		84
S			
Sodium hydroxide (aqueous)			
+ cesium tetraphenylborate + lithium chloride + methanol	vol 18	61,	62
+ ethanol + iodic acid, barium salt + nitric acid, sodium salt	vol 14		301
+ glycine + iodic acid, barium salt	vol 14	E252,	282
+ hydrogen	vol 5/6	E31,	64, 65
+ iodic acid, calcium salt	vol 14		E68
+ iodic acid, calcium salt + sodium chloride	vol 14		99
+ iodic acid, strontium salt	vol 14	E195,	202
+ nitrogen	vol 10	E45 - E47,	E49,
+ oxygen	vol 7	E50,	65, 66
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+ potassium tetraphenylborate + lithium chloride + methanol	vol 18	131,	154 - 161
+ silver cyanide + bis(cyano-C-) potassium argentate	vol 3	E474 - E450	
+ silver cyanide + sodium cyanide + perchloric acid, sodium salt	vol 3	75 -	76
+ tetrabutylammonium tetraphenylborate	vol 18	79 -	80
Sodium hydroxide (ternary)			
+ nitric oxide	vol 8	98	
Sodium hydroxyacetate			
see Acetic acid, hydroxy-, monosodium salt			
Sodium B-hydroxybutyrate			
see Butanoic acid, 3-hydroxy-, monosodium salt			
Sodium iodide			
+ acetamide	vol 11	E245,	246
+ acetamide, N,N-dimethyl-	vol 11	E321,	322
+ acetamide, N-methyl-	vol 11	E266,	267, 268
+ formamide	vol 11	E21,	22 - 25
+ formamide, N,N-dimethyl-	vol 11	E171,	172 - 175
+ formamide, N-methyl-	vol 11	E106,	107 - 110
Sodium iodide (aqueous)			
+ argon	vol 4	E33 -	36,
+ ethane	vol 9	55 -	58, 71
			E32,
			52

Sodium iodide (aqueous)			
+ neon	vol 1	E141,	165,
		176,	178
+ oxygen	vol 7	E69,	106,
+ silver tetraphenylborate + sodium tetraphenylborate	vol 18	135	
		144 - 145	
Sodium iodide (methanol)	vol 1	E20,	34
+ helium			
Sodium lactate			
see Propanoic acid, 2-hydroxy-, monosodium salt			
Sodium malate			
see Butanedioic acid, hydroxy-, monosodium salt			
Sodium mandelate			
see Mandelic acid, monosodium salt			
Sodium methoxyacetate			
see Acetic acid, methoxy-, sodium salt			
Sodium nitrate			
see Nitric acid, sodium salt			
Sodium nitrite			
see Nitrous acid, sodium salt			
Sodium octanoate			
see Octanoic acid, sodium salt			
Sodium penicillin G			
see 4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenylacetyl)amino],monosodium salt			
Sodium pentanoate			
see Pentanoic acid, sodium salt			
Sodium perchlorate			
see Perchloric acid, sodium salt			
Sodium phosphate			
see Phosphoric acid, sodium salt			
Sodium propanoate			
see Propanoic acid, sodium salt			
Sodium propionate			
see Propanoic acid, sodium salt			
Sodium pyruvate			
see Propanoic acid, 2-oxo-, sodium salt			
Sodium salycilate			
see Benzoic acid, 2-hydroxy-, monosodium salt			
Sodium sulfate			
see Sulfuric acid, sodium salt			
Sodium sulfite			
see Sulfurous acid, sodium salt			
Sodium tartarate			
see Butanedioic acid, 2,3-dihydroxy-, disodium salt			
Sodium tetraphenylborate			
+ 1-propanol	vol 18	6	
+ 2-pyrrolidinone, 1-methyl-	vol 18	5	
+ silver tetraphenylborate + acetonitrile	vol 18	152	
+ silver tetraphenylborate + N,N-dimethylformamide	vol 18	157	
+ silver tetraphenylborate + nitric acid, sodium salt	vol 18	153	
+ N,N-dimethylacetamide	vol 18	155	
+ silver tetraphenylborate + nitric acid, sodium salt	vol 18	167	
+ methanol	vol 18	169	
+ silver tetraphenylborate + nitric acid, sodium salt	vol 18	151	
+ acetonitrile	vol 18	156	
+ silver tetraphenylborate + perchloric acid, sodium salt	vol 18	163	
+ N,N-dimethylformamide	vol 18		
+ silver tetraphenylborate + perchloric acid, sodium salt	vol 18		
+ ethanol	vol 18		

Sodium tetraphenylborate			
+ silver tetraphenylborate + perchloric acid, sodium salt			
+ N-methyl-2-pyrrolidinone	vol 18		170
+ nitromethane	vol 18		171
+ 2-propanone	vol 18		173
+ sulfinylbismethane	vol 18		160
+ silver tetraphenylborate + perchloric acid, sodium salt			
+ tetrahydrothiophene-1,1-dioxide	vol 18		176
+ silver tetraphenylborate + sodium tetraphenylborate			
+ perchloric acid, sodium salt	vol 18		172
+ silver tetraphenylborate + sodium bromide + methanol	vol 18	168,	169
+ silver tetraphenylborate + sulfinylbismethane	vol 18		161
+ water	vol 18		E3
Sodium tetraphenylborate (aqueous)			
+ 2-propanone	vol 18		4
+ silver tetraphenylborate	vol 18	141,	142
+ silver tetraphenylborate + nitric acid, sodium salt	vol 18		143
+ silver tetraphenylborate + sodium iodide	vol 18		144 - 145
Sodium thiocyanate			
see Thiocyanic acid, sodium salt			
Sodium thiosulfate			
see Thiosulfuric acid, sodium salt			
Solu Cortef			
see Pregn-4-ene-3,20-dione,21(3-carboxy-1-oxopropoxy)-11, 17-dihydroxy-monosodium salt (11 β)			
Solu Medrol			
see Pregna-1,4-diene-3,20-dione,21-(3-carboxy-1-oxopropoxy)-11, 17-dihydroxy-6-methyl-, monosodium salt, (6 α ,11 β -)			
Solvent refined coal recycle oil			
+ hydrogen	vol 5/6		523
Sorbitol			
see D-glucitol			
Soybean oil			
+ oxygen	vol 7	364,	365
Sperm whale oil			
+ oxygen	vol 7		443
Spleen			
see guinea pig spleen and human fetal spleen			
Squalane			
see Tetracosane, 2,6,10,15,19,23-hexamethyl-			
Starch (aqueous colloidal)			
+ hydrogen	vol 5/6		117
+ oxygen	vol 7		406
+ nitrous oxide	vol 8	156,	157
Steam rendered lard			
+ oxygen	vol 7		366
Stomach			
see guinea pig stomach			
Strontium bromate			
see Bromic acid, strontium salt			
Strontium bromide			
+ acetamide, N-methyl-	vol 11	E302,	303,
+ formamide	vol 11	E82,	83
Strontium chlorate			
see Chloric acid, strontium salt			
Strontium chloride			
+ acetamide, N,N-dimethyl-	vol 11	E343,	344
+ acetamide, N-methyl-	vol 11	E300,	301
+ formamide	vol 11	E80,	81

Strontium chloride (aqueous)		
+ argon	vol 4	E33, 43
+ chlorine	vol 12	E349
+ neon	vol 1	E141, 155
+ nitrous oxide	vol 8	E31, E32, 74
Strontium iodate		
see Iodic acid, strontium salt		
Strontium nitrate		
see Nitric acid, strontium salt		
Subcutaneous fat		
see Guinea pig subcutaneous fat		
Sucrose		
see α -D-glucopyranoside, β -D-fructofuranosyl		
Sulfate		
see under sulfuric acid		
Sulfinylbismethane		
see Methane, sulfinylbis-		
Sulfolane		
see Thiophene, tetrahydro-1,1-dioxide		
Sulfur hexafluoride		
+ nitrogen	vol 10	259
Sulfuric acid		
+ air	vol 10	515, 516
+ ethane	vol 9	E29, E32,
		34, 53
+ hydrogen	vol 5/6	E27, E33,
		37 - 40
+ nitric oxide	vol 8	E350, 351
+ nitrogen	vol 10	E45 - E48, 57,
		58, 74, 76
+ nitrous oxide	vol 8	E28, E40, 42
+ oxygen	vol 7	E59, E60,
		78 - 83
+ ozone	vol 7	E474 - E480,
		490, 491
+ radon-219	vol 2	E339, 340
+ silver cyanide + nitric acid + hydrogen cyanide	vol 3	E86
	vol 12	42 - 52, 350
Sulfuric acid (aqueous)		
+ thiocyanic acid, silver salt + thiocyanic acid, potassium		
salt + potassium bromide	vol 3	121
Sulfuric acid (ternary)		
+ nitric oxide	vol 8	289, 311, 317
+ nitrous oxide	vol 8	E34, 89
Sulfuric acid (multicomponent)		
+ oxygen	vol 7	E64, E65, E70,
		117, 118,
		149, 162
Sulfuric acid, aluminium salt (aqueous)		
+ nitrous oxide	vol 8	E29, E30, 62
+ oxygen	vol 7	E63, 100
+ sulfur dioxide	vol 12	65, 66
Sulfuric acid, ammonium salt (aqueous)		
+ hydrogen	vol 5/6	E28, 45
+ nitric oxide	vol 8	278
+ nitrous oxide	vol 8	E29, 49
+ oxygen	vol 7	E63, 98
+ sulfur dioxide	vol 12	E37 - E39, 56
Sulfuric acid, cadmium salt (aqueous)		
+ sulfur dioxide	vol 12	E37 - E39, 81
Sulfuric acid, cesium salt (aqueous)		
+ oxygen	vol 7	E75, 137
Sulfuric acid, chromium salt (aqueous)		
+ nitrous oxide	vol 8	E29, E30, 61

Sulfuric acid, cobalt (aqueous)			
+ hydrogen	vol 5/6	E29,	50
+ nitric oxide	vol 8	E266,	329,
+ nitrous oxide	vol 8	E29,	331
+ oxygen	vol 7	E30,	57
Sulfuric acid, copper (2+) salt (1:1)			
+ hydrogen	vol 5/6		48
+ oxygen	vol 7	E63,	102
+ radon-222	vol 2	E238 - E241,	244
Sulfuric acid, copper (2+) salt (ternary)			
+ nitric oxide	vol 8	E266,	317
Sulfuric acid, copper (2+) salt (1:1) (multicomponent)			
+ oxygen	vol 7	E64,	E65,
		117,	118
Sulfuric acid, dimethyl ester			
+ sulfur dioxide	vol 12		320
Sulfuric acid, iron (2+) salt (aqueous)			
+ nitric oxide	vol 8	E266,	E267,
		270,	278,
		279,	281,
		282,	284,
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		305,	331
+ nitrous oxide	vol 8	E29,	E30,
+ radon-222	vol 2	E238 -	E241,
Sulfuric acid, iron (3+) salt (aqueous)			
+ nitrous oxide	vol 8	E29,	E30,
Sulfuric acid, iron (3+) salt (ternary)			
+ nitric oxide	vol 8	E266,	311
Sulfuric acid, iron (2+) ammonium salt (aqueous)			
+ nitric oxide	vol 8	E265,	E266,
		272,	273,
		276,	277,
		289,	290,
		297,	298
Sulfuric acid, lithium salt (aqueous)			
+ nitrous oxide	vol 8	E32,	79
+ oxygen	vol 7	E66,	E67,
Sulfuric acid, magnesium salt (aqueous)			
+ hydrogen	vol 5/6	E31,	58
+ iodic acid, calcium salt	vol 14	E70,	E74,
		152,	153
+ nitrogen	vol 10		345
+ nitrous oxide	vol 8	E30,	65 -
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+ oxygen	vol 7	62,	56,
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Sulfurous acid, sodium salt (aqueous)			
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4-Thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid,			
6-[(1-aminocyclohexyl)carbonyl]amino]-3,3-dimethyl-7-oxo-			
+ hydrochloric acid (multicomponent)	Vol 16/17	E359,	360,
+ phosphoric acid, trisodium salt (multicomponent)	Vol 16/17	E359,	362
+ potassium chloride (multicomponent)	Vol 16/17	E359,	360
+ potassium hydroxide (multicomponent)	Vol 16/17	E359,	360
+ sodium chloride (multicomponent)	Vol 16/17	E359,	362
+ water	Vol 16/17	E359,	360 -
4-Thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid,			
6-amino-3,3-dimethyl-7-oxo-			
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+ ammonium chloride (aqueous)	Vol 16/17	E1,	7
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+ benzeneacetic acid (multicomponent)	Vol 16/17	E1,	8
+ ethanol	Vol 16/17	E1,	6
+ hydrochloric acid (multicomponent)	Vol 16/17	E1,	8,
+ sodium chloride (multicomponent)	Vol 16/17	E1,	8,
+ water	Vol 16/17	E1,	2 -
4-Thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid,			
6-[(amino-1,4-cyclohexadien-1-ylacetyl)amino]-3,3-dimethyl-			
7-oxo-			
+ hydrochloric acid (multicomponent)	Vol 16/17	E487,	488,
+ potassium chloride (multicomponent)	Vol 16/17	E487,	488,
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+ water	Vol 16/17	E487,	489

4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[(amino(4-hydroxyphenyl)acetyl)amino]-3,3-dimethyl- 7-oxo-, trihydrate	Vol 16/17	E479, 480, 481
+ hydrochloric acid (multicomponent)	Vol 16/17	E479, 480, 481
+ potassium chloride (multicomponent)	Vol 16/17	E479, 480, 481
+ potassium hydroxide (multicomponent)	Vol 16/17	E479, 480, 481
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4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[(aminophenylacetyl)amino]-3,3-dimethyl-7-oxo-		
+ acetic acid, ethyl ester	Vol 16/17	E410, 424
+ benzene	Vol 16/17	E410, 420
+ 1-butanol, 3-methyl-	Vol 16/17	E410, 418
+ 1-butanol, 3-methyl-, acetate	Vol 16/17	E410, 425
+ 2-butanone	Vol 16/17	E410, 428
+ carbon disulfide	Vol 16/17	E410, 434
+ cholan-24-oic acid, 3,7,12-trihydroxy- (aqueous)	Vol 16/17	E394, 408
+ cyclohexane	Vol 16/17	E410, 419
+ 1,4-dioxane	Vol 16/17	E410, 431
+ 1,4-dioxane (quaternary)	Vol 16/17	E410, 432
+ ethane, dichloro-	Vol 16/17	E410, 430
+ ethane, 1,1'-oxybis-	Vol 16/17	E410, 429
+ 1,2-ethanediol	Vol 16/17	E410, 437
+ ethanol	Vol 16/17	E410, 413
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+ formamide	Vol 16/17	E410, 436
+ furan, tetrahydro- (quaternary)	Vol 16/17	E410, 441
+ hydrochloric acid (multicomponent)	Vol 16/17	E394, 402,
		403, 405, 406
+ methane, sulfinylbis-	Vol 16/17	E410, 439
+ methane, sulfinylbis- (quaternary)	Vol 16/17	E410, 440
+ methane, tetrachloro-	Vol 16/17	E410, 423
+ methane, trichloro-	Vol 16/17	E410, 433
+ methanol	Vol 16/17	E410, 411
+ methanol (quaternary)	Vol 16/17	E410, 412
+ pentane, 2,2,4-trimethyl-	Vol 16/17	E410, 422
+ petroleum ether	Vol 16/17	E410, 421
+ potassium chloride (multicomponent)	Vol 16/17	E394, 400 - 403
+ potassium chloride (quaternary)	Vol 16/17	E410, 412, 414,
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+ potassium hydroxide (multicomponent)	Vol 16/17	E394, 402, 403
+ 1,2-propanediol	Vol 16/17	E410, 438
+ 1-propanol (quaternary)	Vol 16/17	E410, 417
+ 2-propanol	Vol 16/17	E410, 415
+ 2-propanol (quaternary)	Vol 16/17	E410, 416
+ 2-propanone	Vol 16/17	E410, 426
+ 2-propanone (quaternary)	Vol 16/17	E410, 427
+ pyridine	Vol 16/17	E410, 435
+ sodium hydroxide (aqueous)	Vol 16/17	E394, 404
+ sulfuric acid, monododecyl ester, sodium salt, (aqueous)	Vol 16/17	E394, 407
+ water	Vol 16/17	E394, 395 - 409,
		E410, 412, 414,
		416, 417, 427,
		432, 440, 441

4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[(aminophenylacetyl)amino]-3,3-dimethyl-7-oxo-, trihydrate			
+ acetic acid, ethyl ester	Vol 16/17	E457,	465
+ benzene	Vol 16/17	E457,	461
+ 1-butanol, 3-methyl-, acetate	Vol 16/17	E457,	466
+ 2-butanone	Vol 16/17	E457,	468
+ carbon disulfide	Vol 16/17	E457,	473
+ cholan-24-oic acid, 3,7,12-trihydroxy-	Vol 16/17	E442,	454
+ cyclohexane	Vol 16/17	E457,	470
+ 1,4-dioxane	Vol 16/17	E457,	471
+ ethane, dichloro-	Vol 16/17	E457,	470
+ ethane, 1,1'-oxybis-	Vol 16/17	E457,	469
+ 1,2-ethanediol	Vol 16/17	E457,	476
+ ethanol	Vol 16/17	E457,	459
+ formamide	Vol 16/17	E457,	475
+ hydrochloric acid (multicomponent)	Vol 16/17	E442,	448 - 450, 452, 455
+ methane, sulfinylbis-	Vol 16/17	E457,	478
+ methane, trichloro-	Vol 16/17	E457,	472
+ methane, tetrachloro-	Vol 16/17	E457,	464
+ methanol	Vol 16/17	E457,	458
+ pentane, 2,2,4-trimethyl-	Vol 16/17	E457,	463
+ petroleum ether	Vol 16/17	E457,	462
+ phosphoric acid, trisodium salt (multicomponent)	Vol 16/17	E442,	455
+ potassium chloride (multicomponent)	Vol 16/17	E442,	448, 449
+ potassium hydroxide (multicomponent)	Vol 16/17	E442,	448, 449
+ 1,2-propanediol	Vol 16/17	E457,	477
+ 2-propanone	Vol 16/17	E457,	467
+ pyridine	Vol 16/17	E457,	474
+ sodium chloride (multicomponent)	Vol 16/17	E442,	455
+ sodium hydroxide (aqueous)	Vol 16/17	E442,	451
+ sulfuric acid, monododecyl ester, sodium salt (aqueous)	Vol 16/17	E442,	453
+ water	Vol 16/17	E442,	443 - 456
4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[(aminophenylacetyl)amino]-3,3-dimethyl-7-oxo-, monosodium salt			
+ acetic acid, ethyl ester	Vol 16/17	E367,	380
+ benzene	Vol 16/17	E367,	376
+ 1-butanol, 3-methyl-	Vol 16/17	E367,	374
+ 1-butanol, 3-methyl-, acetate	Vol 16/17	E367,	381
+ 2-butanone	Vol 16/17	E367,	383
+ carbon disulfide	Vol 16/17	E367,	388
+ cyclohexane	Vol 16/17	E367,	375
+ 1,4-dioxane	Vol 16/17	E367,	386
+ ethane, dichloro-	Vol 16/17	E367,	385
+ ethane, 1,1'-oxybis-	Vol 16/17	E367,	384
+ 1,2-ethanediol	Vol 16/17	E367,	391
+ ethanol	Vol 16/17	E367,	372
+ formamide	Vol 16/17	E367,	390
+ hydrochloric acid	Vol 16/17	E367,	369
+ methane, sulfinylbis-	Vol 16/17	E367,	393
+ methane, tetrachloro-	Vol 16/17	E367,	379
+ methane, trichloro-	Vol 16/17	E367,	387
+ methanol	Vol 16/17	E367,	371
+ pentane, 2,2,4-trimethyl-	Vol 16/17	E367,	378
+ petroleum ether	Vol 16/17	E367,	377
+ 1,2-propanediol	Vol 16/17	E367,	392
+ 2-propanol	Vol 16/17	E367,	373
+ 2-propanone	Vol 16/17	E367,	382
+ pyridine	Vol 16/17	E367,	389
+ sodium hydroxide (aqueous)	Vol 16/17	E367,	370
+ water	Vol 16/17	E367,	368 - 370

4-Thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid, 6-[2-azido-2-phenyl-acetamido]-3,3-dimethyl-7-oxo-, + hydrochloric acid (multicomponent) Vol 16/17		E367, 368
+ phosphoric acid, trisodium salt (multicomponent)	Vol 16/17	E367, 368
+ sodium chloride (multicomponent)	Vol 16/17	E367, 368
+ water	Vol 16/17	E367, 368
4-Thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid, 6-[[[3-(2-chlorophenyl)-5-methyl-4-isoxazoyl]carbonyl]amino]- 3,3-dimethyl-7-oxo-, monosodium salt, monohydrate		
+ acetic acid, ethyl ester	Vol 16/17	E576, 587
+ benzene	Vol 16/17	E576, 583
+ 1-butanol, 3-methyl-	Vol 16/17	E576, 602
+ 1-butanol, 3-methyl-, acetate	Vol 16/17	E576, 588
+ 2-butanone	Vol 16/17	E576, 590
+ carbon disulfide	Vol 16/17	E576, 595
+ cyclohexane	Vol 16/17	E576, 582
+ 1,4-dioxane	Vol 16/17	E576, 593
+ ethane, dichloro-	Vol 16/17	E576, 592
+ ethane, 1,1'-oxybis-	Vol 16/17	E576, 591
+ 1,2-ethanediol	Vol 16/17	E576, 598
+ ethanol	Vol 16/17	E576, 581
+ formamide	Vol 16/17	E576, 597
+ hydrochloric acid	Vol 16/17	E576, 578
+ methane, sulfinylbis-	Vol 16/17	E576, 594
+ methane, tetrachloro-	Vol 16/17	E576, 600
+ methane, trichloro-	Vol 16/17	E576, 594
+ methanol	Vol 16/17	E576, 580
+ pentane, 2,2,4-trimethyl-	Vol 16/17	E576, 585
+ petroleum ether	Vol 16/17	E576, 584
+ 1,2-propanediol	Vol 16/17	E576, 599
+ 2-propanol	Vol 16/17	E576, 601
+ 2-propanone	Vol 16/17	E576, 589
+ pyridine	Vol 16/17	E576, 596
+ sodium hydroxide (aqueous)	Vol 16/17	E576, 579
+ water	Vol 16/17	E576, 577 - 596
4-Thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid, 6-[[[3-(2,6-dichlorophenyl)-5-methyl-4-isoxazoyl]carbonyl]amino]- 3,3-dimethyl-7-oxo-, monosodium salt, monohydrate		
+ acetic acid, ethyl ester	Vol 16/17	E548, 560
+ benzene	Vol 16/17	E548, 556
+ 1-butanol, 3-methyl-	Vol 16/17	E548, 575
+ 1-butanol, 3-methyl-, acetate	Vol 16/17	E548, 561
+ 2-butanone	Vol 16/17	E548, 563
+ carbon disulfide	Vol 16/17	E548, 568
+ cyclohexane	Vol 16/17	E548, 555
+ 1,4-dioxane	Vol 16/17	E548, 566
+ ethane, dichloro-	Vol 16/17	E548, 565
+ ethane, 1,1'-oxybis-	Vol 16/17	E548, 564
+ 1,2-ethanediol	Vol 16/17	E548, 571
+ ethanol	Vol 16/17	E548, 554
+ formamide	Vol 16/17	E548, 570
+ hydrochloric acid	Vol 16/17	E548, 551
+ methane, sulfinylbis-	Vol 16/17	E548, 573
+ methane, tetrachloro-	Vol 16/17	E548, 559
+ methane, trichloro-	Vol 16/17	E548, 567
+ methanol	Vol 16/17	E548, 553
+ pentane, 2,2,4-trimethyl-	Vol 16/17	E548, 568
+ petroleum ether	Vol 16/17	E548, 557
+ 1,2-propanediol	Vol 16/17	E548, 572
+ 2-propanol	Vol 16/17	E548, 574
+ 2-propanone	Vol 16/17	E548, 562
+ pyridine	Vol 16/17	E548, 569
+ sodium hydroxide (aqueous)	Vol 16/17	E548, 552
+ water	Vol 16/17	E548, 549 - 552

4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[(2,6-dimethoxybenzoyl)amino]-3,3-dimethyl-7-oxo-, monosodium salt		
+ acetic acid, ethyl ester	Vol 16/17	E518, 529
+ benzene	Vol 16/17	E518, 525
+ 1-butanol, 3-methyl-	Vol 16/17	E518, 544
+ 1-butanol, 3-methyl-, acetate	Vol 16/17	E518, 530
+ 2-butanone	Vol 16/17	E518, 532
+ carbon disulfide	Vol 16/17	E518, 537
+ cyclohexane	Vol 16/17	E518, 524
+ 1,4-dioxane	Vol 16/17	E518, 535
+ ethane, dichloro-	Vol 16/17	E518, 534
+ ethane, 1,1'-oxybis-	Vol 16/17	E518, 533
+ 1,2-ethanediol	Vol 16/17	E518, 540
+ ethanol	Vol 16/17	E518, 523
+ formamide	Vol 16/17	E518, 539
+ hydrochloric acid	Vol 16/17	E518, 520
+ methane, sulfinylbis-	Vol 16/17	E518, 542
+ methane, tetrachloro-	Vol 16/17	E518, 528
+ methane, trichloro-	Vol 16/17	E518, 536
+ methanol	Vol 16/17	E518, 522
+ pentane, 2,2,4-trimethyl-	Vol 16/17	E518, 527
+ petroleum ether	Vol 16/17	E518, 526
+ 1,2-propanediol	Vol 16/17	E518, 541
+ 2-propanol	Vol 16/17	E518, 543
+ 2-propanone	Vol 16/17	E518, 531
+ pyridine	Vol 16/17	E518, 538
+ sodium hydroxide (aqueous)	Vol 16/17	E518, 521
+ water	Vol 16/17	E518, 519 - 521
4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-6-[(5-methyl-3-phenyl-4-isoxazoyl)carbonyl]amino]- 7-oxo-, monosodium salt		
+ acetic acid, ethyl ester	Vol 16/17	E603, 614
+ benzene	Vol 16/17	E603, 610
+ 1-butanol, 3-methyl-	Vol 16/17	E603, 629
+ 1-butanol, 3-methyl-, acetate	Vol 16/17	E603, 615
+ 2-butanone	Vol 16/17	E603, 617
+ carbon disulfide	Vol 16/17	E603, 622
+ cyclohexane	Vol 16/17	E603, 609
+ 1,4-dioxane	Vol 16/17	E603, 620
+ ethane, dichloro-	Vol 16/17	E603, 619
+ ethane, 1,1'-oxybis-	Vol 16/17	E603, 618
+ 1,2-ethanediol	Vol 16/17	E603, 625
+ ethanol	Vol 16/17	E603, 608
+ formamide	Vol 16/17	E603, 624
+ hydrochloric acid	Vol 16/17	E603, 605
+ methane, sulfinylbis-	Vol 16/17	E603, 627
+ methane, tetrachloro-	Vol 16/17	E603, 613
+ methane, trichloro-	Vol 16/17	E603, 621
+ methanol	Vol 16/17	E603, 607
+ pentane, 2,2,4-trimethyl-	Vol 16/17	E603, 612
+ petroleum ether	Vol 16/17	E603, 611
+ 1,2-propanediol	Vol 16/17	E603, 626
+ 2-propanol	Vol 16/17	E603, 628
+ 2-propanone	Vol 16/17	E603, 616
+ pyridine	Vol 16/17	E603, 623
+ sodium hydroxide (aqueous)	Vol 16/17	E603, 606
+ water	Vol 16/17	E603, 604 - 606

4-Thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxoo-6-[2-(allylthio)-amino]-ethyl- 4-amino-2-chlorobenzoate (1:1)		
+ acetic acid, ethyl ester	Vol 16/17	E334, 346
+ benzene	Vol 16/17	E334, 341
+ benzene, methyl-	Vol 16/17	E334, 342
+ benzenemethanol	Vol 16/17	E334, 358
+ 1-butanol, 3-methyl-	Vol 16/17	E334, 339
+ 1-butanol, 3-methyl-, acetate	Vol 16/17	E334, 347
+ 2-butanone	Vol 16/17	E334, 349
+ carbon disulfide	Vol 16/17	E334, 354
+ cyclohexane	Vol 16/17	E334, 340
+ 1,4-dioxane	Vol 16/17	E334, 352
+ ethane, dichloro-	Vol 16/17	E334, 351
+ ethane, 1,1'-oxybis-	Vol 16/17	E334, 350
+ 1,2-ethanediol	Vol 16/17	E334, 357
+ ethanol	Vol 16/17	E334, 337
+ formamide	Vol 16/17	E334, 356
+ methane, tetrachloro-	Vol 16/17	E334, 345
+ methane, trichloro-	Vol 16/17	E334, 353
+ methanol	Vol 16/17	E334, 336
+ pentane, 2,2,4-trimethyl-	Vol 16/17	E334, 344
+ petroleum ether	Vol 16/17	E334, 343
+ 2-propanol	Vol 16/17	E334, 338
+ 2-propanone	Vol 16/17	E334, 348
+ pyridine	Vol 16/17	E334, 355
+ water	Vol 16/17	E334, 335
4-Thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(1-aminocyclohexyl)carbonyl]amino]- 3,3-dimethyl-7-oxo-, dihydrate	Vol 16/17	E363, 364
+ water	Vol 16/17	E363, 364
4-Thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenylacetyl)amino] complexed with 2-(diethylamino)-ethyl-4-aminobenzoate (1:1)		
+ butanedioic acid, 2,3-dihydroxy-, disodium salt	Vol 16/17	E175, 186, 187, 189, 190, 196
+ butanedioic acid, 2,3-dihydroxy-, (multicomponent)	Vol 16/17	E175, 186, 187, 190
+ D-gluconic acid (multicomponent)	Vol 16/17	E175, 188
+ D-gluconic acid, monosodium salt (multicomponent)	Vol 16/17	E175, 188, 190, 197
4-Thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(4-methylphenoxyacetyl)amino]- complexed with N,N'-bis(phenylmethyl)-1,2-ethanediamine (2:1)		
+ hydrochloric acid	Vol 16/17	E330, 332
+ sodium hydroxide (aqueous)	Vol 16/17	E330, 333
+ water	Vol 16/17	E330, 331 - 333
4-Thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenoxyacetyl)amino]-		
+ acetic acid, ethyl ester	Vol 16/17	E10, 26
+ benzene	Vol 16/17	E10, 21
+ benzene, methyl-	Vol 16/17	E10, 22
+ benzenemethanol	Vol 16/17	E10, 38
+ 1-butanol, 3-methyl-	Vol 16/17	E10, 19
+ 1-butanol, 3-methyl-, acetate	Vol 16/17	E10, 27
+ 2-butanone	Vol 16/17	E10, 29
+ carbon disulfide	Vol 16/17	E10, 34
+ cyclohexane	Vol 16/17	E10, 20
+ 1,4-dioxane	Vol 16/17	E10, 32
+ ethane, dichloro-	Vol 16/17	E10, 31
+ ethane, 1,1'-oxybis-	Vol 16/17	E10, 30

4-Thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenoxyacetyl)amino]-		
+ 1,2-ethanediol	Vol 16/17	E10, 37
+ ethanol	Vol 16/17	E10, 17
+ formamide	Vol 16/17	E10, 36
+ hydrochloric acid (multicomponent)	Vol 16/17	E10, 12
+ hydrochloric acid (quaternary)	Vol 16/17	E10, 14
+ methane, tetrachloro-	Vol 16/17	E10, 25
+ methane, trichloro-	Vol 16/17	E10, 33
+ methanol	Vol 16/17	E10, 16
+ pentane, 2,2,4-trimethyl-	Vol 16/17	E10, 24
+ petroleum ether	Vol 16/17	E10, 23
+ phosphoric acid (multicomponent)	Vol 16/17	E10, 15
+ phosphoric acid, disodium salt (multicomponent)	Vol 16/17	E10, 15
+ phosphoric acid, trisodium salt (multicomponent)	Vol 16/17	E10, 12
+ 2-propanol	Vol 16/17	E10, 18
+ 2-propanone	Vol 16/17	E10, 28
+ pyridine	Vol 16/17	E10, 35
+ sodium chloride (multicomponent)	Vol 16/17	E10, 12
+ sorbitan monooleate, polyoxyethylene derivatives (multicomponent)	Vol 16/17	E10, 15
+ sorbitan monooleate, polyoxyethylene derivatives (quaternary)	Vol 16/17	E10, 14
+ water	Vol 16/17	E10, 11 - 15
4-Thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenoxyacetyl)amino]-		
complexed with N,B'-bis[(1,2,3,4,4a,9,10,10a-octahydro- 1,4a-dimethyl-7-(1-methylethyl)-1-phenanthrenyl)methyl]- 1,2-ethanediamine (2:1)		
+ acetic acid, ethyl ester	Vol 16/17	E102, 114
+ benzene	Vol 16/17	E102, 109
+ benzene, methyl-	Vol 16/17	E102, 110
+ benzenemethanol	Vol 16/17	E102, 126
+ 1-butanol, 3-methyl-	Vol 16/17	E102, 107
+ 1-butanol, 3-methyl-, acetate	Vol 16/17	E102, 115, 118
+ 2-butanone	Vol 16/17	E102, 117
+ carbon disulfide	Vol 16/17	E102, 122
+ cyclohexdane	Vol 16/17	E102, 108
+ 1,4-dioxane	Vol 16/17	E102, 120
+ ethane, dichloro-	Vol 16/17	E102, 119
+ 1,2-ethanediol	Vol 16/17	E102, 125
+ ethanol	Vol 16/17	E102, 105
+ formamide	Vol 16/17	E102, 124
+ methane, tetrachloro-	Vol 16/17	E102, 113
+ methane, trichloro-	Vol 16/17	E102, 121
+ methanol	Vol 16/17	E102, 104
+ pentane, 2,2,4-trimethyl-	Vol 16/17	E102, 112
+ petroleum ether	Vol 16/17	E102, 111
+ 2-propanol	Vol 16/17	E102, 106
+ 2-propanone	Vol 16/17	E102, 116
+ pyridine	Vol 16/17	E102, 123
+ water	Vol 16/17	E102, 103
4-Thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenoxyacetyl)amino]-		
complexed with N,N'-bis(phenylmethyl)-1,2-ethanediamine (2:1)		
+ acetic acid, ethyl ester	Vol 16/17	E78, 89
+ benzene	Vol 16/17	E78, 84
+ benzene, methyl-	Vol 16/17	E78, 85
+ benzenemethanol	Vol 16/17	E78, 101
+ 1-butanol, 3-methyl-	Vol 16/17	E78, 82
+ 1-butanol, 3-methyl-, acetate	Vol 16/17	E78, 90

4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenoxyacetyl)amino]- complexed with N,N'-bis(phenylmethyl)-1,2-ethanediamine (2:1)		
+ 2-butanone	Vol 16/17	E78, 92
+ carbon disulfide	Vol 16/17	E78, 97
+ cyclohexane	Vol 16/17	E78, 83
+ 1,4-dioxane	Vol 16/17	E78, 95
+ ethane, dichloro-	Vol 16/17	E78, 94
+ ethane, 1,1'-oxybis-	Vol 16/17	E78, 93
+ 1,2-ethanediol	Vol 16/17	E78, 100
+ ethanol	Vol 16/17	E78, 80
+ formamide	Vol 16/17	E78, 99
+ hydrochloric acid	Vol 16/17	E72, 75
+ methane, tetrachloro-	Vol 16/17	E78, 88
+ methane, trichloro-	Vol 16/17	E78, 96
+ methanol	Vol 16/17	E78, 79
+ pentane, 2,2,4-trimethyl-	Vol 16/17	E78, 87
+ petroleum ether	Vol 16/17	E78, 86
+ 2-propanol	Vol 16/17	E79, 81
+ 2-propanone	Vol 16/17	E78, 91
+ pyridine	Vol 16/17	E78, 98
+ sodium hydroxide (aqueous)	Vol 16/17	E72, 76
+ water	Vol 16/17	E72, 73 - 77
4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenoxyacetyl)amino]- complexed with N-(phenylmethyl)benzene ethanamine (1:1)		
+ hydrochloric acid	Vol 16/17	E68, 70
+ sodium hydroxide (aqueous)	Vol 16/17	E68, 71
+ water	Vol 16/17	E68, 69 - 71
4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenoxyacetyl)amino], calcium salt (2:1)		
+ water	Vol 16/17	E66, 67
4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenoxyacetyl)amino], monopotassium salt		
+ acetic acid, ethyl ester	Vol 16/17	E39, 53
+ benzene	Vol 16/17	E39, 48
+ benzene, methyl-	Vol 16/17	E39, 49
+ benzenemethanol	Vol 16/17	E39, 65
+ 1-butanol, 3-methyl-	Vol 16/17	E39, 46
+ 1-butanol, 3-methyl-, acetate	Vol 16/17	E39, 54
+ 2-butanone	Vol 16/17	E39, 56
+ carbon disulfide	Vol 16/17	E39, 61
+ cyclohexane	Vol 16/17	E39, 47
+ 1,4-dioxane	Vol 16/17	E39, 59
+ ethane, dichloro-	Vol 16/17	E39, 58
+ ethane, 1,1'-oxybis-	Vol 16/17	E39, 57
+ ethanol	Vol 16/17	E39, 44
+ ethanol, 2-methoxy-	Vol 16/17	E39, 64
+ formamide	Vol 16/17	E39, 63
+ methane, tetrachloro-	Vol 16/17	E39, 52
+ methane, trichloro-	Vol 16/17	E39, 60
+ methanol	Vol 16/17	E39, 43
+ pentane, 2,2,4-trimethyl-	Vol 16/17	E39, 51
+ petroleum ether	Vol 16/17	E39, 50
+ phosphoric acid (multicomponent)	Vol 16/17	E39, 41
+ phosphoric acid, disodium salt (multicomponent)	Vol 16/17	E39, 41
+ 2-propanol	Vol 16/17	E39, 45
+ 2-propanone	Vol 16/17	E39, 55
+ pyridine	Vol 16/17	E39, 62
+ sorbitan monooleate, polyoxyethylene derivatives (multicomponent)	Vol 16/17	E39, 41
+ water	Vol 16/17	E39, 40 - 42

4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(1-oxo-2-phenoxybutyl)amino], monopotassium salt			
+ hydrochloric acid (multicomponent)	Vol 16/17	E545,	546, 547
+ polyethylene-23-lauryl ether (multicomponent)	Vol 16/17	E545,	547
+ potassium chloride (multicomponent)	Vol 16/17	E545,	546, 547
+ water	Vol 16/17	E545,	546, 547
4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(1-oxo-2-phenoxypropyl)amino], monopotassium salt			
+ acetic acid, ethyl ester	Vol 16/17	E491,	502
+ benzene	Vol 16/17	E491,	498
+ 1-butanol, 3-methyl-	Vol 16/17	E491,	517
+ 1-butanol, 3-methyl-, acetate	Vol 16/17	E491,	503
+ 2-butanone	Vol 16/17	E491,	505
+ carbon disulfide	Vol 16/17	E491,	510
+ cyclohexane	Vol 16/17	E491,	507
+ 1,4-dioxane	Vol 16/17	E491,	508
+ ethane, dichloro-	Vol 16/17	E491,	507
+ ethane, 1,1'-oxybis-	Vol 16/17	E491,	506
+ 1,2-ethanediol	Vol 16/17	E491,	513
+ ethanol	Vol 16/17	E491,	496
+ formamide	Vol 16/17	E491,	512
+ hydrochloric acid	Vol 16/17	E491,	493
+ methane, sulfinylbis-	Vol 16/17	E491,	515
+ methane, tetrachloro-	Vol 16/17	E491,	501
+ methane, trichloro-	Vol 16/17	E491,	509
+ methanol	Vol 16/17	E491,	495
+ pentane, 2,2,4-trimethyl-	Vol 16/17	E491,	500
+ petroleum ether	Vol 16/17	E491,	499
+ 1,2-propanediol	Vol 16/17	E491,	514
+ 2-propanol	Vol 16/17	E491,	516
+ 2-propanone	Vol 16/17	E491,	504
+ pyridine	Vol 16/17	E491,	511
+ sodium hydroxide (aqueous)	Vol 16/17	E491,	494
+ water	Vol 16/17	E491,	492 - 494
4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-(2-phenylacetamido)- complexed with 1-(p-chlorobenzyl)-2-(1-pyrrolidinylmethyl)- benzimidazole (1:1)			
+ acetic acid, ethyl ester	Vol 16/17	E249,	262
+ benzene	Vol 16/17	E249,	258
+ 1-butanol, 3-methyl-	Vol 16/17	E249,	256
+ 1-butanol, 3-methyl-, acetate	Vol 16/17	E249,	263
+ 2-butanone	Vol 16/17	E249,	265
+ carbon disulfide	Vol 16/17	E249,	270
+ cyclohexane	Vol 16/17	E249,	257
+ 1,4-dioxane	Vol 16/17	E249,	268
+ ethane, dichloro-	Vol 16/17	E249,	267
+ ethane, 1,1'-oxybis-	Vol 16/17	E249,	266
+ 1,2-ethanediol	Vol 16/17	E249,	273
+ ethanol	Vol 16/17	E249,	254
+ formamide	Vol 16/17	E249,	272
+ hydrochloric acid	Vol 16/17	E249,	251
+ methane, sulfinylbis-	Vol 16/17	E249,	275
+ methane, tetrachloro-	Vol 16/17	E249,	261
+ methane, trichloro-	Vol 16/17	E249,	269
+ methanol	Vol 16/17	E249,	253
+ pentane, 2,2,4-trimethyl-	Vol 16/17	E249,	260
+ petroleum ether	Vol 16/17	E249,	259
+ 1,2-propanediol	Vol 16/17	E249,	274
+ 2-propanol	Vol 16/17	E249,	255
+ 2-propanone	Vol 16/17	E249,	264
+ pyridine	Vol 16/17	E249,	271
+ sodium hydroxide (aqueous)	Vol 16/17	E249,	252
+ water	Vol 16/17	E249,	250 - 252

4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-(2-phenylacetamido)-		
complexed with (-)-2-(methylamino)-1,2-diphenylethanol (1:1)		
+ acetic acid, ethyl ester	Vol 16/17	E224, 236
+ benzene	Vol 16/17	E224, 231
+ benzene, methyl-	Vol 16/17	E224, 232
+ benzenemethanol	Vol 16/17	E224, 248
+ 1-butanol, 3-methyl-	Vol 16/17	E224, 229
+ 1-butanol, 3-methyl-, acetate	Vol 16/17	E224, 237
+ 2-butanone	Vol 16/17	E224, 239
+ carbon disulfide	Vol 16/17	E224, 244
+ cyclohexane	Vol 16/17	E224, 230
+ 1,4-dioxane	Vol 16/17	E224, 242
+ ethane, dichloro-	Vol 16/17	E224, 241
+ ethane, 1,1'-oxybis-	Vol 16/17	E224, 240
+ ethanediol	Vol 16/17	E224, 247
+ ethanol	Vol 16/17	E224, 227
+ formamide	Vol 16/17	E224, 246
+ methane, tetrachloro-	Vol 16/17	E224, 235
+ methane, trichloro-	Vol 16/17	E224, 243
+ methanol	Vol 16/17	E224, 226
+ pentane, 2,2,4-trimethyl-	Vol 16/17	E224, 234
+ petroleum ether	Vol 16/17	E224, 233
+ 2-propanol	Vol 16/17	E224, 228
+ 2-propanone	Vol 16/17	E224, 238
+ pyridine	Vol 16/17	E224, 245
+ water	Vol 16/17	E224, 225
4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenylacetyl)amino]-		
complexed with N,N'-bis[(1,2,3,4,4a,9,10,10a-octahydro- 1,4a-dimethyl-7-(1-methylethyl)-1-phenanthrenyl)methyl]-		
1,2-ethanediamine (2:1)		
+ acetic acid, ethyl ester	Vol 16/17	E276, 288
+ benzene	Vol 16/17	E276, 283
+ benzene, methyl-	Vol 16/17	E276, 284
+ benzenemethanol	Vol 16/17	E276, 300
+ 1-butanol, 3-methyl-	Vol 16/17	E276, 281
+ 1-butanol, 3-methyl-, acetate	Vol 16/17	E276, 289
+ 2-butanone	vol 16/17	E276, 291
+ carbon disulfide	vol 16/17	E276, 296
+ cyclohexane	vol 16/17	E276, 282
+ 1,4-dioxane	vol 16/17	E276, 294
+ ethane, dichloro-	vol 16/17	E276, 293
+ ethane, 1,1'-oxybis-	vol 16/17	E276, 292
+ 1,2-ethanediol	vol 16/17	E276, 299
+ ethanol	vol 16/17	E276, 279
+ formamide	vol 16/17	E276, 298
+ methane, tetrachloro-	vol 16/17	E276, 287
+ methane, trichloro-	vol 16/17	E276, 295
+ methanol	vol 16/17	E276, 278
+ pentane, 2,2,4-trimethyl-	vol 16/17	E276, 286
+ petroleum ether	vol 16/17	E276, 285
+ 2-propanol	vol 16/17	E276, 280
+ 2-propanone	vol 16/17	E276, 290
+ pyridine	vol 16/17	E276, 297
+ water	vol 16/17	E276, 277
4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenylacetyl)amino]-		
complexed with N,N'-bis(phenylmethyl)-1,2-ethanediamine (2:1)		
+ acetic acid, ethyl ester	vol 16/17	E306, 317
+ benzene	vol 16/17	E306, 312
+ benzene, methyl-	vol 16/17	E306, 313
+ benzenemethanol	vol 16/17	E306, 329

4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenylacetyl)amino]-		
complexed with N,N'-bis(phenylmethyl)-1,2-ethanediamine (2:1)		
+ 1-butanol, 3-methyl-	vol 16/17	E306, 310
+ 1-butanol, 3-methyl-, acetate	vol 16/17	E306, 318
+ 2-butanone	vol 16/17	E306, 320
+ carbon disulfide	vol 16/17	E306, 325
+ cyclohexane	vol 16/17	E306, 311
+ 1,4-dioxane	vol 16/17	E306, 323
+ ethane, dichloro-	vol 16/17	E306, 322
+ ethane, 1,1'-oxybis-	vol 16/17	E306, 321
+ 1,2-ethanediol	vol 16/17	E306, 328
+ ethanol	vol 16/17	E306, 308
+ formamide	vol 16/17	E306, 327
+ hydrochloric acid	vol 16/17	E301, 303
+ methane, tetrachloro-	vol 16/17	E306, 316
+ methane, trichloro-	vol 16/17	E306, 324
+ methanol	vol 16/17	E306, 307
+ pentane, 2,2,4-trimethyl-	vol 16/17	E306, 315
+ petroleum ether	vol 16/17	E306, 314
+ 2-propanol	vol 16/17	E306, 309
+ 2-propanone	vol 16/17	E306, 319
+ pyridine	vol 16/17	E306, 326
+ sodium hydroxide (aqueous)	vol 16/17	E301, 304
+ water	vol 16/17	E301, 302 - 305
4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenylacetyl)amino]-		
complexed with 2-(diethylamino)ethyl-4-aminobenzoate (1:1)		
+ acetic acid, ethyl ester	vol 16/17	E200, 211
+ benzene	vol 16/17	E200, 206
+ benzene, methyl-	vol 16/17	E200, 207
+ benzenemethanol	vol 16/17	E200, 223
+ benzoic acid, 4-amino-2-(diethylamino), ethyl ester, monohydrochloride	vol 16/17	E175, 177, 179, 191, 192, 194, 195, 197, 198
+ 1-butanol, 3-methyl-	vol 16/17	E200, 204
+ 1-butanol, 3-methyl-, acetate	vol 16/17	E200, 212
+ 2-butanone	vol 16/17	E200, 214
+ carbon disulfide	vol 16/17	E200, 219
+ cyclohexane	vol 16/17	E200, 205
+ 1,4-dioxane	vol 16/17	E200, 217
+ ethane, dichloro-	vol 16/17	E200, 216
+ ethane, 1,1'-oxybis-	vol 16/17	E200, 215
+ 1,2-ethanediol	vol 16/17	E200, 222
+ ethanol	vol 16/17	E200, 202
+ formamide	vol 16/17	E200, 221
+ <i>a</i> -D-glycopyranoside, <i>b</i> -D-fructofuranosyl (multicomponent)	vol 16/17	E175, 183, 184, 189, 190, 192 - 196, 198
+ D-glucose	vol 16/17	E175, 185
+ D-gluctol (multicomponent)	vol 16/17	E175, 182, 184, 198, 190, 193 - 198
+ methane, tetrachloro-	vol 16/17	E200, 210
+ methane, trichloro-	vol 16/17	E200, 218
+ methanol	vol 16/17	E200, 201
+ pentane, 2,2,4-trimethyl-	vol 16/17	E200, 209
+ petroleum ether	vol 16/17	E200, 208
+ phosphoric acid, disodium salt (multicomponent)	vol 16/17	E175, 178, 179
+ phosphoric acid, monosodium salt (multicomponent)	vol 16/17	E175, 178, 179

4-Thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenylacetyl)amino]- complexed with 2-(diethylamino)ethyl-4-aminobenzoate (1:1)	vol 16/17	E175, 180, 189, 190, 193, 195 - 198
+ 1,2,3-propanetricarboxylic acid, 2-hydroxy-		
+ 1,2,3-propanetricarboxylic acid, 2-hydroxy-, trisodium salt	vol 16/17	E175, 180 - 185, 191 - 198
+ 2-propanol	vol 16/17	E200, 203
+ 2-propanone	vol 16/17	E200, 213
+ pyridine	vol 16/17	E200, 220
+ water	vol 16/17	E175, 176 - 199
4-Thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenylacetyl)amino]- complexed with 2-(diethylamino)-ethyl-4-aminobenzoate (1:1)		
monohydrate		
+ hydrochloric acid	vol 16/17	E171, 173
+ sodium hydroxide (aqueous)	vol 16/17	E171, 174
+ water	vol 16/17	E171, 172 - 174
4-Thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenylacetyl)amino]- complexed with N-(phenylmethyl)benzene ethanamine (1:1)		
+ hydrochloric acid	vol 16/17	E167, 169
+ sodium hydroxide (aqueous)	vol 16/17	E167, 170
+ water	vol 16/17	E167, 168 - 170
4-Thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenylacetyl)amino]-, monoammonium salt		
+ 2-propanone (ternary)	vol 16/17	E165, 166
+ water	vol 16/17	E165, 166
4-Thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenylacetyl)amino]-, monopotassium salt		
+ acetic acid, butyl ester (quaternary)	vol 16/17	E127, 128, 134
+ acetic acid, butyl ester (ternary)	vol 16/17	E127, 128, 133
+ 1-butanol	vol 16/17	E127, 128, 130
+ 1-butanol (quaternary)	vol 16/17	E127, 128, 134
+ 1-butanol (ternary)	vol 16/17	E127, 128, 131 - 133
+ hydrochloric acid (multicomponent)	vol 16/17	E1, 8, 9
+ 2-propanone (ternary)	vol 16/17	E127, 128, 129
+ water	vol 16/17	E127, 128, 129, 131, 132, 134
4-Thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenylacetyl)amino]-, monosodium salt		
+ acetic acid, ethyl ester	vol 16/17	E135, 136, 152
+ benzene	vol 16/17	E135, 136, 147
+ benzene, methyl-	vol 16/17	E135, 136, 148
+ benzenemethanol	vol 16/17	E135, 136, 164
+ 1-butanol	vol 16/17	E135, 136, 138
+ 1-butanol (ternary)	vol 16/17	E135, 136, 139, 140
+ 1-butanol, 3-methyl-	vol 16/17	E135, 136, 145
+ 1-butanol, 3-methyl-, acetate	vol 16/17	E135, 136, 153
+ 2-butanone	vol 16/17	E135, 136, 155
+ carbon disulfide	vol 16/17	E135, 136, 160
+ cyclohexane	vol 16/17	E135, 136, 146
+ 1,4-dioxane	vol 16/17	E135, 136, 158

4-Thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid, 3,3-dimethyl-7-oxo-6-[(phenylacetyl)amino]-, monosodium salt		
+ ethane, dichloro-	vol 16/17	E135, 136, 157
+ ethane, 1,1'-oxybis-	vol 16/17	E135, 136, 156
+ 1,2-ethanediol	vol 16/17	E135, 136, 163
+ ethanol	vol 16/17	E135, 136, 143
+ formamide	vol 16/17	E135, 136, 162
+ methane, tetrachloro-	vol 16/17	E135, 136, 151
+ methane, trichloro-	vol 16/17	E135, 136, 159
+ methanol	vol 16/17	E135, 136, 142
+ pentane, 2,2,4-trimethyl-	vol 16/17	E135, 136, 150
+ petroleum ether	vol 16/17	E135, 136, 149
+ 2-propanol	vol 16/17	E135, 136, 144
+ 2-propanone	vol 16/17	E135, 136, 154
+ 2-propanone (ternary)	vol 16/17	E135, 136, 137
+ pyridine	vol 16/17	E135, 136, 161
+ water	vol 16/17	E135, 136, 137, 139 - 141
4-Thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid, 6-[[2-ethoxy-1-naphthalenyl]carbonyl]amino]- 3,3-dimethyl-7-oxo-, monosodium salt		
+ acetic acid, ethyl ester	vol 16/17	E630, 641
+ benzene	vol 16/17	E630, 637
+ 1-butanol, 3-methyl-	vol 16/17	E630, 656
+ 1-butanol, 3-methyl-, acetate	vol 16/17	E630, 642
+ 2-butanone	vol 16/17	E630, 644
+ carbon disulfide	vol 16/17	E630, 649
+ cyclohexane	vol 16/17	E630, 636
+ 1,4-dioxane	vol 16/17	E630, 647
+ ethane, dichloro-	vol 16/17	E630, 646
+ ethane, 1,1'-oxybis-	vol 16/17	E630, 645
+ 1,2-ethanediol	vol 16/17	E630, 652
+ ethanol	vol 16/17	E630, 635
+ formamide	vol 16/17	E630, 651
+ hydrochloric acid	vol 16/17	E630, 632
+ methane, sulfinylbis-	vol 16/17	E630, 654
+ methane, tetrachloro-	vol 16/17	E630, 640
+ methane, trichloro-	vol 16/17	E630, 648
+ methanol	vol 16/17	E630, 634
+ pentane, 2,2,4-trimethyl-	vol 16/17	E630, 637
+ petroleum ether	vol 16/17	E630, 638
+ 1,2-propanediol	vol 16/17	E630, 653
+ 2-propanol	vol 16/17	E630, 655
+ 2-propanone	vol 16/17	E630, 643
+ pyridine	vol 16/17	E630, 650
+ sodium hydroxide (aqueous)	vol 16/17	E630, 633
+ water	vol 16/17	E630, 631 - 633
4-Thia-1-azabicyclo[3,2,0]hept-2-yl-5-tetrazole, 6-[D-2-amino-2-(4-aminophenyl)-acetamido]- 3,3-dimethyl-7-oxo-, trihydrate		
+ hydrochloric acid (multicomponent)	vol 16/17	E484, 485, 486
+ sodium hydroxide (multicomponent)	vol 16/17	E484, 485, 486
+ water	vol 16/17	E484, 485, 486
5-Thia-1-azabicyclo[4,2,0]oct-2-ene-2-carboxylic acid- 3-[(acetyloxy)methyl]-7-[(aminophenylacetyl)amino]- 8-oxo-, dihydrate		
+ hydrochloric acid (multicomponent)	vol 16/17	E702, 703, 704
+ potassium chloride (multicomponent)	vol 16/17	E702, 703 - 705
+ potassium hydroxide (multicomponent)	vol 16/17	E702, 703, 704
+ water	vol 16/17	E702, 703 - 705

5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid-		
3-[(acetyloxy)methyl]-8-oxo-7-[2-thienylacetyl]amino)-,		
monosodium salt		
+ acetic acid, ethyl ester	vol 16/17	E667, 680
+ benzene	vol 16/17	E667, 676
+ 1-butanol, 3-methyl-	vol 16/17	E667, 674
+ 1-butanol, 3-methyl-, acetate	vol 16/17	E667, 681
+ 2-butanone	vol 16/17	E667, 683
+ carbon disulfide	vol 16/17	E667, 688
+ cyclohexane	vol 16/17	E667, 675
+ 1,4-dioxane	vol 16/17	E667, 686
+ ethane, dichloro-	vol 16/17	E667, 685
+ ethane, 1,1'-oxybis-	vol 16/17	E667, 684
+ 1,2-ethanediol	vol 16/17	E667, 691
+ ethanol	vol 16/17	E667, 672
+ formamide	vol 16/17	E667, 690
+ hydrochloric acid	vol 16/17	E667, 669
+ methane, sulfinylbis-	vol 16/17	E667, 693
+ methane, tetrachloro-	vol 16/17	E667, 679
+ methane, trichloro-	vol 16/17	E667, 687
+ methanol	vol 16/17	E667, 671
+ pentane, 2,2,4-trimethyl-	vol 16/17	E667, 678
+ petroleum ether	vol 16/17	E667, 677
+ 1,2-propanediol	vol 16/17	E667, 692
+ 2-propanol	vol 16/17	E667, 673
+ 2-propanone	vol 16/17	E667, 682
+ pyridine	vol 16/17	E667, 689
+ sodium hydroxide (aqueous)	vol 16/17	E667, 670
+ water	vol 16/17	E667, 668 - 670
5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid,		
7-[(amino-1,4-cyclohexadien-1-ylacetyl)amino]-		
3-methyl-8-oxo-, monohydrate		
+ hydrochloric acid (multicomponent)	vol 16/17	E698, 699, 700
+ potassium chloride (multicomponent)	vol 16/17	E698, 699 - 701
+ potassium hydroxide (multicomponent)	vol 16/17	E698, 699, 700
+ water	vol 16/17	E698, 699 - 701
5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid,		
7-amino-3-(hydroxymethyl)-8-oxo-, acetate ester		
+ sodium chloride (aqueous)	vol 16/17	E662, 663
+ water	vol 16/17	E662, 663
5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid,		
7-amino-3-methyl-8-oxo-		
+ ammonium chloride (aqueous)	vol 16/17	E657, 659
+ ammonium chloride (multicomponent)	vol 16/17	E657, 660
+ benzeneacetic acid (multicomponent)	vol 16/17	E657, 660
+ hydrochloric acid (multicomponent)	vol 16/17	E657, 660, 661
+ potassium chloride (aqueous)	vol 16/17	E657, 658
+ sodium chloride (multicomponent)	vol 16/17	E657, 660
+ sodium hydroxide (multicomponent)	vol 16/17	E657, 661
+ water	vol 16/17	E657, 660, 661
5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid-		
7-[(aminophenylacetyl)amino]-3-methyl-8-oxo-, monohydrate		
+ hydrochloric acid (multicomponent)	vol 16/17	E694, 695, 696
+ potassium chloride (multicomponent)	vol 16/17	E694, 695 - 697
+ potassium hydroxide (multicomponent)	vol 16/17	E694, 695, 696
+ water	vol 16/17	E694, 695 - 697

5-Thia-1-azabicyclo[4,2,0]oct-2-ene-carboxylic acid, 3-methyl-8-oco-7-(2-phenylacetamido)-		
+ ammonium chloride (aqueous)	vol 16/17	E664, 666
+ potassium chloride (aqueous)	vol 16/17	E664, 665
+ water	vol 16/17	E664, 665, 666
Thianaphthene		
see benzo(b)thiophene		
Thiocyanate, ammonium		
see Thiocyanic acid, ammonium salt		
Thiocyanate, potassium		
see Thiocyanic acid, potassium salt		
Thiocyanate, sodium		
see Thiocyanic acid, sodium salt		
Thiocyanic acid		
+ sulfur dioxide	vol 12	53
Thiocyanic acid, ammonium salt		
+ acetamide, N-methyl-	vol 11	E294, 295
+ formamide	vol 11	E70, 71
+ formamide, N,N-dimethyl-	vol 11	E231, 232 - 234
+ formamide, N-methyl-	vol 11	E140, 141
Thiocyanic acid, ammonium salt (aqueous)		
+ thiocyanic acid, silver salt	vol 3	133 - 134, 148 - 149
+ sulfur dioxide	vol 12	E37 - E39, 63, 64
Thiocyanic acid, barium salt (aqueous)		
+ thiocyanic acid, silver salt	vol 3	139 - 140
Thiocyanic acid, calcium salt (aqueous)		
+ thiocyanic acid, silver salt	vol 3	143 - 144
+ sulfur dioxide	vol 12	53
Thiocyanic acid, lithium salt		
+ thiocyanic acid, silver salt + ethanol	vol 3	217 - 218
Thiocyanic acid, potassium salt		
+ acetamide, N,N-dimethyl-	vol 11	E331, 332
+ acetamide, N-methyl-	vol 11	E282, 283
+ formamide	vol 11	E48, 49 - 51
+ formamide, N,N-dimethyl-	vol 11	E208, 209 - 211
+ formamide, N-methyl-	vol 11	E128, 129
+ thiocyanic acid, silver salt + ethanol	vol 3	219
+ thiocyanic acid, silver salt + nitric acid, potassium salt	vol 3	208
+ acetonitrile	vol 3	212
+ thiocyanic acid, silver salt + nitric acid, potassium salt	vol 3	214
+ dimethylformamide	vol 3	221
+ thiocyanic acid, silver salt + nitric acid, potassium salt	vol 3	222
+ dimethyl sulfoxide	vol 3	223
+ thiocyanic acid, silver salt + nitric acid, potassium salt	vol 3	226
+ formamide	vol 3	229
+ thiocyanic acid, silver salt + nitric acid, potassium salt	vol 3	220
+ hexamethylphosphorotriamide	vol 3	232
+ thiocyanic acid, silver salt + nitric acid, potassium salt	vol 3	207
+ methanol	vol 3	
+ thiocyanic acid, silver salt + perchloric acid, potassium salt + 1,2-ethanediol	vol 3	
+ thiocyanic acid, silver salt + perchloric acid, tetraethylammonium salt + tetrahydrothiophene-1,1-dioxide	vol 3	
+ thiocyanic acid, silver salt + 2-propanone	vol 3	

Thiocyanic acid, potassium salt (aqueous)		
+ silver cyanide + thiocyanic acid, silver salt		
+ potassium dicyanoargentate	vol 3	E46, 65, E102, 122 - 123
+ sulfur dioxide	vol 12	E37 - E39, 104, 105
+ thiocyanic acid, silver salt	vol 3	E102, E103, E109, 114, 119 - 120, 128 - 129, 130, 131, 135 - 136, 141 - 142
+ thiocyanic acid, silver salt + nitric acid, potassium salt	vol 3	E103, 145 - 146, 150 - 151, 152 - 153, 165 - 166, 169 - 170
+ thiocyanic acid, silver salt + nitric acid, potassium salt	vol 3	211
+ thiocyanic acid, silver salt + nitric acid, potassium salt	vol 3	E188, 189
+ thiocyanic acid, silver salt + nitric acid, potassium salt	vol 3	E193, 194 - 195
+ thiocyanic acid, silver salt + nitric acid, potassium salt	vol 3	E200, 201 - 202
+ thiocyanic acid, silver salt + nitric acid, potassium salt	vol 3	199
+ thiocyanic acid, silver salt + nitric acid, potassium salt	vol 3	205
+ thiocyanic acid, silver salt + nitric acid, potassium salt	vol 3	206
+ thiocyanic acid, silver salt + nitric acid, potassium salt	vol 3	E177 - 178 179 - 180
+ thiocyanic acid, silver salt + perchloric acid	vol 3	164, 171
+ thiocyanic acid, silver salt + perchloric acid, potassium	vol 3	184
salt + dimethylformamide		
+ thiocyanic acid, silver salt + perchloric acid, potassium	vol 3	E185, 187
salt + dimethyl sulfoxide		
+ thiocyanic acid, silver salt + perchloric acid, potassium	vol 3	196 - 197, 203 - 204
salt		
+ thiocyanic acid, silver salt + perchloric acid, potassium	vol 3	E188, 190 - 192
salt + 1,4-dioxane		
+ thiocyanic acid, silver salt + perchloric acid, potassium	vol 3	E193, 196 - 198
salt + ethanol		
+ thiocyanic acid, silver salt + perchloric acid, potassium	vol 3	E200, 203 - 204
salt + methanol		
+ thiocyanic acid, silver salt + perchloric acid, potassium	vol 3	E177 - 178, 181 - 183
salt + 2-propanone		
+ thiocyanic acid, silver salt + potassium bromide		
+ sulfuric acid	vol 3	121
+ thiocyanic acid, silver salt + silver bromide + potassium		
bromide	vol 3	E102, 127
+ thiocyanic acid, silver salt + silver chloride + potassium		
chloride	vol 3	E102, 126
Thiocyanic acid, silver salt		
+ ammonia	vol 3	233
+ methane, 1,1-sulfinylbis-	vol 3	E213
+ methanol	vol 3	E223

Thiocyanic acid, silver salt

+ nitric acid, silver salt + perchloric acid, tetraethylammonium salt + dimethyl sulfoxide	vol 3	E213, 215
+ sulfur dioxide	vol 3	234
+ thiocyanic acid, lithium salt + ethanol	vol 3	217 - 218
+ thiocyanic acid, potassium salt + acetone	vol 3	207
+ thiocyanic acid, potassium salt + ethanol	vol 3	220
+ thiocyanic acid, potassium salt + nitric acid, potassium salt + acetonitrile	vol 3	208
+ thiocyanic acid, potassium salt + nitric acid, potassium salt + dimethylacetamide	vol 3	211
+ thiocyanic acid, potassium salt + nitric acid, potassium salt + dimethylformamide	vol 3	212
+ thiocyanic acid, potassium salt + nitric acid, potassium salt + dimethyl sulfoxide	vol 3	E213, 214
+ thiocyanic acid, potassium salt + nitric acid, potassium salt + formamide	vol 3	221
+ thiocyanic acid, potassium salt + nitric acid, potassium salt + hexamethylphosphorotriamide	vol 3	222
+ thiocyanic acid, potassium salt + nitric acid, potassium salt + methanol	vol 3	E223, 226
+ thiocyanic acid, potassium salt + nitric acid, potassium salt + n-methyl-2-pyrrolidinone	vol 3	229
+ thiocyanic acid, potassium salt + perchloric acid, potassium salt + 1,2-ethanediol	vol 3	220
+ thiocyanic acid, potassium salt + perchloric acid, tetraethylammonium salt + tetrahydrothiophene-1,1-dioxane	vol 3	232
+ thiocyanic acid, sodium salt + methanol	vol 3	E223, 224 - 225
+ thiocyanic acid, tetraethylammonium salt + perchloric acid, tetraethylammonium salt + 1,2-dimethoxyethane	vol 3	209 - 210
+ thiocyanic acid, tetraethylammonium salt + perchloric acid, tetraethylammonium salt + dimethyl sulfoxide	vol 3	E213, 216
+ thiocyanic acid, tetraethylammonium salt + nitric acid, tetraethylammonium salt + formamide	vol 3	221
+ thiocyanic acid, tetraethylammonium salt + nitric acid, tetraethylammonium salt + methanol	vol 3	E223, 226
+ thiocyanic acid, tetraethylammonium salt + perchloric acid, tetraethylammonium salt + 4-methyl-1,3-dioxolan-2-one	vol 3	228
+ thiocyanic acid, tetraethylammonium salt + perchloric acid, tetraethylammonium salt + nitromethane	vol 3	227
+ thiocyanic acid, tetraethylammonium salt + perchloric acid, tetraethylammonium salt + tetrahydrofuran	vol 3	230 - 231
+ water	vol 3	e102, e108,
Thiocyanic acid, silver salt (aqueous)		
+ acetone	vol 3	E177
+ ammonia	vol 3	E105, E109 - 110, 116, 132
+ 1,4-dioxane	vol 3	E188
+ ethanol	vol 3	E193

Thiocyanic acid, silver salt (aqueous)		
+ perchloric acid, sodium salt	vol 3	175 - 176
+ perchloric acid, sodium salt + sulfurous acid, sodium salt	vol 3	E103, 173 - 174
+ methane, 1,1-sulfinylbis-	vol 3	E185
+ methanol	vol 3	E200
+ nitric acid, silver salt	vol 3	E104, 115
+ silver bromide + potassium bromide + thiocyanic acid, potassium salt	vol 3	E102, 127
+ silver chloride + potassium chloride + thiocyanic acid, potassium salt	vol 3	E102, 126
+ silver cyanide + thiocyanic acid, potassium salt	vol 3	E46, 65, E102, 122 - 123
+ potassium dicyanoargentate	vol 3	133 - 134, 148 - 149 117 - 118, 124 - 125
+ thiocyanic acid, ammonium salt	vol 3	139, 140 143 - 144
+ thiocyanic acid, barium salt	vol 3	E102, E103, E109, 114, 119 - 120, 128 - 131, 135 - 136, 141 - 142
+ thiocyanic acid, calcium salt	vol 3	139, 140
+ thiocyanic acid, potassium salt	vol 3	139, 140 143 - 144
+ thiocyanic acid, potassium salt + nitric acid, potassium salt	vol 3	E102, E103, E109, 114, 119 - 120, 128 - 131, 135 - 136, 141 - 142
+ thiocyanic acid, potassium salt + nitric acid, potassium salt	vol 3	145 - 146, 150 - 153, 165 - 166, 169 - 170
+ thiocyanic acid, potassium salt + nitric acid, potassium salt	vol 3	E188, 189
+ thiocyanic acid, potassium salt + nitric acid, potassium salt	vol 3	E193, 194 - 195
+ thiocyanic acid, potassium salt + nitric acid, potassium salt	vol 3	E200, 201 - 202
+ thiocyanic acid, potassium salt + nitric acid, potassium salt	vol 3	199
+ thiocyanic acid, potassium salt + nitric acid, potassium salt	vol 3	205
+ thiocyanic acid, potassium salt + nitric acid, potassium salt + 2-propanol	vol 3	206
+ thiocyanic acid, potassium salt + nitric acid, potassium salt + 2-propanone	vol 3	E177 - 178, 179 - 180
+ thiocyanic acid, potassium salt + perchloric acid	vol 3	164 - 171
+ thiocyanic acid, potassium salt + perchloric acid, potassium salt	vol 3	196 - 197, 203 - 204
+ thiocyanic acid, potassium salt + perchloric acid, potassium salt + dimethylformamide	vol 3	184
+ thiocyanic acid, potassium salt + perchloric acid, potassium salt + dimethyl sulfoxide	vol 3	E185, 187
+ thiocyanic acid, potassium salt + perchloric acid, potassium salt + 1,4-dioxane	vol 3	E188, 190 - 192
+ thiocyanic acid, potassium salt + perchloric acid, potassium salt + ethanol	vol 3	E193, 196 - 198
+ thiocyanic acid, potassium salt + perchloric acid, potassium salt + 2-propanone	vol 3	E177 - 178, 181 - 183

Thiocyanic acid, silver salt (aqueous)			
+ thiocyanic acid, potassium salt + perchloric acid, potassium salt + methanol	vol 3	E200,	203 - 204
+ thiocyanic acid, potassium salt + potassium bromide + sulfuric acid	vol 3		121
+ thiocyanic acid, sodium salt		vol 3	e104, 137 - 138
+ thiocyanic acid, sodium salt + perchloric acid, sodium salt + sulfuric acid, sodium salt	vol 3	e104,	154 - 156, 159 - 163
+ thiocyanic acid, sodium salt + perchloric acid, sodium salt + sulfurous acid, sodium salt	vol 3		172
+ thiocyanic acid, tetraethylammonium salt + perchloric acid, tetraethylammonium salt + diemthyl sulfoxide	vol 3	e185,	186
+ sulfurous acid, sodium salt	vol 3	e103,	168
Thiocyanic acid, sodium salt			
+ acetamide, N,N-dimethyl-	vol 11	E323,	324
+ acetamide, N-methyl-	vol 11	E269,	270
+ formamide	vol 11	E26,	27
+ formamide, N,N-dimethyl-	vol 11	E181,	182 - 185
+ formamide, N-methyl-	vol 11	E111,	112
Thiocyanic acid, sodium salt (aqueous)			
+ sulfur dioxide	vol 12	E37	- E39, 95 96
+ thiocyanic acid, silver salt	vol 3	E104, E109, 137 - 138	
+ thiocyanic acid, silver salt + perchloric acid, sodium salt	vol 3	E104,	154 - 156, 159 - 163
+ thiocyanic acid, silver salt + perchloric acid, sodium salt + sulfurous acid, sodium salt	vol 3		172
+ thiocyanic acid, silver salt + thiocyanic acid, silver sodium salt + perchloric acid, sodium salt	vol 3		157 - 158, 162 - 163
+ thiocyanic acid, silver sodium salt + perchloric acid, sodium salt	vol 3	E104,	157 - 158
Thiocyanic acid, tetrabutylammonium salt			
+ thiocyanic acid, silver salt + perchloric acid, tetrabutylammonium salt + 1,2-dimethoxyethane	vol 3		209 - 210
+ thiocyanic acid, silver salt + perchloric acid, tetrabutylammonium salt + tetrahydrofuran	vol 3		230 - 231
Thiocyanic acid, tetraethylammonium salt			
+ thiocyanic acid, silver salt + perchloric acid, tetraethylammonium salt + dimethyl sulfoxide	vol 3	E213,	216
+ thiocyanic acid, silver salt + perchloric acid, tetraethylammonium salt + formamide	vol 3		221
+ thiocyanic acid, silver salt + perchloric acid, tetraethylammonium salt + methanol	vol 3	E223,	226
+ thiocyanic acid, silver salt + perchloric acid, tetraethylammonium salt + 4-methyl-1,3-dioxolan-2-one	vol 3		228
+ thiocyanic acid, silver salt + perchloric acid, tetraethylammonium salt + nitromethane	vol 3		227

Thiocyanic acid, tetraethylammonium salt (aqueous)			
+ thiocyanic acid, silver salt + perchloric acid,			
tetraethylammonium salt + dimethyl sulfoxide	vol 3	E185,	186
Thionyl choride (ternary)			
+ sulfur dioxide	vol 12	330,	331
Thionyl chloride			
+ sulfur dioxide	vol 12	E1,	E2
Thiophene, tetrahydro-, 1,1-dioxide			
+ ethane	vol 9	E195 -E199,	228
+ tetraphenylarsonium tetraphenylborate (1-)	vol 18	E225,	226,
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+ silver tetraphenylborate + perchloric acid, sodium salt	vol 18		176
+ sodium tetraphenylborate	vol 18		
+ sulfur dioxide	vol 12	320,	323
Thiophene, tetrahydro-3-methoxy-, 1,1-dioxide			
+ sulfur dioxide	vol 12		297
Thiophene, tetrahydro-3-methyl-, 1,1-dioxide			
+ sulfur dioxide	vol 12		297
Thiosulfuric acid, sodium salt (aqueous)			
+ iodic acid, barium salt	vol 14		262
+ iodic acid, calcium salt	vol 14	E70,	E74,
+ thiocyanic acid, silver salt + perchloric acid, sodium salt	vol 3		105
+ thiocyanic acid, silver salt + thiocyanic acid, sodium salt	vol 3		172
+ perchloric acid, sodium salt	vol 3		173 - 174
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+ nitric acid, cerium salt	vol 13		219
Thiourea			
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Tribromomethane			
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Tributyl phosphate			
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1,1,1-Trichloroethane			
see Ethane, 1,1,1-trichloro-			
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1,1,2-Trichloroethylene		
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Trichloromethane		
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(Trichloromethyl)benzene		
see Benzene, (trichloromethyl)-		
2-(Trichloromethyl)pyridine		
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1,2,3-Trichloropropane		
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1,1,2-Trichloro-1,2,2-trifluoroethane		
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