
**Plastics pipes and fittings for
industrial applications — Collection of
data on combined chemical-resistance**

*Tubes et raccords en matières plastiques pour applications
industrielles — Collecte de données sur la résistance chimique
combinée*

STANDARDSISO.COM : Click to view the full PDF of ISO/TR 10358:2021



STANDARDSISO.COM : Click to view the full PDF of ISO/TR 10358:2021



COPYRIGHT PROTECTED DOCUMENT

© ISO 2021

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents	Pages
Foreword	iv
Introduction	vi
1 Scope	1
2 Normative references	2
3 Terms and definitions	2
4 Symbols used to describe the fluids	2
5 Chemical resistance classification	3
5.1 General	3
5.2 Procedure	4
5.3 Performances	4
Bibliography	215

STANDARDSISO.COM : Click to view the full PDF of ISO/TR 10358:2021

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*, Subcommittee SC 3, *Plastics pipes and fittings for industrial applications*.

This second edition cancels and replaces the first edition (ISO/TR 10358:1993), which has been technically revised.

The main changes compared to the previous edition are as follows:

- Due to the rare use of PE-LD inside industrial applications and the comparability of its chemical behaviour to PE-HD, the reference to PE only has been indicated.
- Considering the ever more frequent use in industrial fields, the following materials have been introduced:
 - ECTFE
 - PA-U
 - PFA
 - PPS
 - PSU
 - PTFE

- Due to the different behaviours of the materials considered in this document, they have been gathered in two separate tables with different temperature ranges.
- A column with CAS (Chemical Abstracts Service) number, where available, has been introduced for the listed substances.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

STANDARDSISO.COM : Click to view the full PDF of ISO/TR 10358:2021

Introduction

The tables in this document provide a preliminary informative collection of the chemical resistance of thermoplastic materials used to manufacture piping components which are not subjected to pressure or other stresses. They take into account the working conditions used, in particular the temperatures and concentrations of the chemical fluids to which a material may be exposed. To evaluate the behaviour of the different materials against the chemicals, data coming from published literature and industry experience were considered. To obtain numerical values for changes in mass or for mechanical properties, tests can be carried out in accordance with ISO 175, ISO 4433 (all parts) and ISO 22088 (all parts).

Careful consideration is paid by the end user when the fluid being transported is a combination of two or more chemicals. The resulting combination can have the potential to negatively affect the material from which the pipeline is made^[12].

Careful consideration is paid by the end user to composite structures. The following data, collected from literature, only address the effect on an individual material. Aspects for composite structure such as layers, reinforcements and/or fillers that are added above a negligible amount, are outside of the scope of this document^[12].

STANDARDSISO.COM : Click to view the full PDF of ISO/TR 10358:2021

Plastics pipes and fittings for industrial applications — Collection of data on combined chemical-resistance

1 Scope

This document collects available data on combined chemical resistance of thermoplastic materials typically used to manufacture piping components for industrial applications, against fluids over a range of temperatures.

The base thermoplastic materials covered by this classification are:

Polyethylene PE

NOTE 1 The PE considered in this document corresponds to PE-HD, with a minimum density value of 0,935 g/cm³ (e.g.: PE63, PE80, PE100, PE100-RC, PE-RT).

Polypropylene PP (PP-R and PP-RCT, PP-H, PP-B)

Polyvinyl chloride, unplasticized PVC-U

Polyvinyl chloride, chlorinated PVC-C

Polybutylene PB

Acrylonitrile/butadiene/styrene ABS

Polyvinylidene fluoride PVDF

NOTE 2 This document considers homopolymer PVDF.

Cross-linked polyethylene PE-X (PE-Xa, PE-Xb, PE-Xc)

Ethylene chloro trifluoro ethylene ECTFE

Polyamide, unplasticized PA-U (PA-U11, PA-U12)

NOTE 3 This document focuses on PA-U11 and PA-U12 only, as these long chained PA-U are standardized according to ISO 16486-1; short chained (e.g. PA 66) and plasticized PAs are not used for monolithic plastic piping components.

Polysulfone PSU

Perfluoralkoxy PFA

NOTE 4 Temperatures higher than 200°C can be applied after an evaluation with the raw material manufacturer.

Polytetrafluoroethylene PTFE

NOTE 5 Temperatures higher than 200°C can be applied after an evaluation with the raw material manufacturer.

Polyphenylene sulphide

PPS

NOTE 6 PPS is new with regards to industrial application and chemical resistance issues; for this reason, manufacturers and end-users are advised to assess the chemical suitability of the material.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

4 Symbols used to describe the fluids

Column 1:

Identification number of the fluid.

Column 2:

The fluids are listed by their most common names, including trivial and trade names, in English alphabetical order.

With some of the chemicals, synonyms are listed, also in alphabetical order, with a reference to the first or the most widely used name.

NOTE In some cases, further information is given:

Subl.	sublimes
Dec.	decomposes

Column 3:

CAS nr. or internationally recognized code for the fluid listed in column 2.

Column 4:

Melting points (m.p.) are given where appropriate, the values referring to fluids of technical-grade purity.

Column 5:

Boiling points (b.p.) are given where appropriate, the values referring to fluids of technical-grade purity at standard atmospheric pressure, unless otherwise stated in brackets below. In that case a different pressure in mm Hg height is indicated.

Column 6:

The concentration and/or purity of the fluid is indicated, using the following symbols:

Dil. sol. Dilute aqueous solution at a concentration equal to or less than 10 %.

Sol. Aqueous solution at a concentration higher than 10 %, but not saturated.

Sat. sol. Saturated aqueous solution, prepared at 20 °C.

tg At least technical-grade purity.

tg-l Technical grade, liquid.

tg-g Technical grade, gas

Work. sol. Working solution of the concentration usually used in the industry concerned.

Susp. Suspension of solid in a saturated solution at 20 °C.

The concentrations are expressed as a percentage by mass at 20 °C, unless otherwise stated.

Column 7:

Test temperatures at which chemical resistance determined.

Column 8, etc.:

The chemical resistance of the pipeline materials is given in accordance with the classification system explained in 5.1.

5 Chemical resistance classification

5.1 General

Even if the base thermoplastics show full resistance to a fluid at a defined temperature, their application inside a piping system should be evaluated to verify the resistance of the joints.

The chemical resistance classification is given in Table 1 for polymers with thermal rating up to and including 100 °C, and in Table 2 for polymers with higher thermal rating.

The following chemical resistance information:

S (satisfactory), L (limited) or NS (not satisfactory),

given in Tables 1 and 2, is only suitable for materials which are used to produce piping components without the influence of internal and external mechanical stresses (for example, those caused by internal pressure, flexural stresses).

For different percentages not given in Tables 1 and 2 and mixtures of fluids, the compatibility will be checked with the material supplier.

5.2 Procedure

The procedure used to evaluate the chemical resistances of the table below refers to ISO 175. ISO 4433-1, ISO 4433-2, ISO 4433-3 or ISO 4433-4 may also be used for polymers indicated in the scope.

In order to assess the behaviour of piping components for the conveyance of fluids under pressure, or in the presence of other stresses, the tests performed by the end user will be considered.

To assess the tendency of a material towards environmental stress cracking, tests may be carried out in accordance with all parts of the ISO 22088 series.

5.3 Performances

The material applicability at temperatures close to upper limits could be limited due to thermal aging.

Not all thermoplastic materials are technically suitable for transport of gases under pressure due to risk of explosion when the energy level is locally raised by gas compression

Other properties of the pipeline material (e.g. permeability) or of the conveyed fluid (e.g. toxicity, flammability, etc.) should be considered separately.

STANDARDSISO.COM : Click to view the full PDF of ISO/TR 10358:2021

Table 1 — Chemical-resistance classification data of thermoplastics materials with thermal rating up to and including 100 °C

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U	
1	Acetaldehyde	75-07-0	-123	21	40	20	S	S		NS	NS	NS	S	L	
						40	L	L		NS	NS	NS	L	L	
						60	L	L		NS	NS	NS	L	NS	
						80				NS					
						100									
						tg-l	20	S	L	L	NS	NS	NS	S	L
						tg-g	40	L	L	L	NS	NS	NS	L	L
						60	L	L	NS	NS	NS	NS	L	L	
						80				NS				NS	
						100									
2	Acetamide	60-35-5	82	221	5	20	S	S	S	NS	NS	NS	S	S	
						40	S	S	L		NS	NS	S		
						60	S	S	L				S		
						80									
						100									
3	Acetic acid	64-19-7	17	118	Up to 10	20	S	S	S	S	S	L	S	S	
						40	S	S	S	S	S	L	S	S	
						60	S	S	S	S	S		S	S	
						80		L			S	S	L		
						100		L							
					10 to 40	20	S	S	S	L	L	NS	S	L	
						40	S	S	L	L	L	NS	S		
						60	S	L	L	L	L		S		
						80		L					S		
					50	20	S	S	S	L	L	NS	S	L	
						40	S	S	L	L	L	NS	S		
						60	L	L	L	L	L		L		
						80		L					L		
						100		L							
						60	20	S	L	L	L	L	NS	S	L
							40	L	L	L	L	L	NS		
							60	L	L	NS	NS	L			
80		L													
100		NS													

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U						
3	Acetic acid (cont'd)	64-19-7	17	118	80	20	L	L	L	NS	L	NS	S	L						
						40	L	L	L	NS	L	NS								
						60	L	NS	L	NS	L									
						80		NS												
						100		NS												
						95	L	S	NS	NS	L		L	L						
						40	L	L	NS	NS	NS		L	NS						
						60	L	L		NS	NS		L							
						80		L												
						100		NS												
	Acetic acid, glacial				> 96	20	S	S	L	NS	NS	NS	S	NS						
						40	L	L	NS	NS	NS	NS								
						60	L	L	NS	NS	NS	NS								
						80		L	NS	NS										
						100		NS												
						4	Acetic anhydride	108-24-7	-73	140	tg-l	20	S	S	S	NS	NS	NS	S	L
												40	L	L	S	NS	NS	NS		NS
												60	L	L	S	NS	NS			
												80								
												100		NS						
5	Acetone	67-64-1	-95	56	Up to 10							20	S	S	S	NS	NS	NS	S	S
												40	S	L		NS	NS	NS	S	S
												60	L	L		NS	NS	NS	L	L
												80		L						
												100		NS						
						tg-l	20	L	S	S	NS	NS	NS	L	S					
						40	L	L		NS	NS	NS	L	L						
						tg-g	60	L	L		NS	NS		L	L					
						80		NS						NS						
						100		NS												
6	Acetophenone	98-86-2	20	202	tg-l	20	S	S		NS	NS	NS	S	L						
						40	L	L		NS	NS	NS		L						
						60	L	L		NS	NS			L						
						80														
						100														
7	Acetyl chloride	75-36-5	-112	51	tg-l	20	L	L		NS	NS	NS	L							
						40	NS	NS		NS	NS	NS	NS							
						tg-g	60													
						80														
						100														

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
8	Acetylene, gas	74-86-2	-84		tg-g	20	S	S	L	NS	NS	NS	S	S
						40	S	S	NS	NS			S	S
						60	S	L	NS				S	S
						80								
						100								
9	Acrylonitrile	107-13-1	-82	77	tg-l	20	S	S		NS	NS	NS	S	L
						40	S	L		NS	NS	S	L	
						60	L	L				L	L	
						80								
						100								
10	Adipic acid	124-04-9	151	265	Sat. sol. (1,4%)	20	S	S	S	S	S	NS	S	L
						40	S	S	L	S	S		S	L
						60	S	S	L	L	S		S	L
						80					S			L
						100								
						80								
11	Air	132259-10-0	-213	193	tg-g	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S		S	
						80					S			
						100								
12	Allyl alcohol	107-18-6	-129	97	tg-l	20	S	L	S	L	NS	NS	S	L
						40	S	L	S	NS			S	
						60	L	L	S	NS			L	
						80								
						100								
13	Allyl chloride	107-05-1	-136	45	Sat. sol.	20	L	L	L	NS	NS	NS	L	
						40	NS	L	L	NS	NS	NS	NS	
						60	NS	NS	L	NS	NS		NS	
						80								
						100								
14	Almond oil				tg-l	20	S	S		S	L		S	
						40	L	S		L	L		L	
						60	L	L		L	L		L	
						80		L						
						100		NS						
15	Alum (see 21)													

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
16	Aluminium chloride	7446-70-0			Sat. sol.	20	S	S	S	S	S	L	S	NS
						40	S	S	S	S	S	L	S	
						60	S	S	S	L	S		S	
						80		S			L			
						100		L						
17	Aluminium fluoride	7784-18-1	250		Susp.	20	S	S	S	S	S	L	S	NS
						40	S	S	S	S	S	L	S	
						60	S	S	S	S	S		S	
						80		S			L			
						100		NS						
18	Aluminium hydroxide	21645-51-2			Susp.	20	S	S	S	S	S	L	S	
						40	S	S	S	S	S	L	S	
						60	S	S	S	S	S		S	
						80		S			S			
						100								
19	Aluminium nitrate	13473-90-0			Sat. sol.	20	S	S	S	S	S	L	S	NS
						40	S	S	S	S	S	L	S	
						60	S	S	S	S	S		S	
						80		S			L			
						100								
20	Aluminium chloride oxyde	13596-11-7			Susp.	20	S	S	S	S	S	L	S	NS
						40	S	S	S	S	S	L	S	
						60	S	S	S	L	S		S	
						80		S			L			
						100								
21	Aluminium potassium sulphate	10043-67-1	92,5		Sat. sol.	20	S	S	S	S	S	L	S	S
						40	S	S	S	S	S	L	S	
						60	S	S	S	S	S		S	
						80		S			S			
						100		S						
22	Aluminium sulphate	10043-01-3			Sat. sol.	20	S	S	L	S	S	L	S	S
						40	S	S	NS	S	S	L	S	S
						60	S	S	NS	S	S		S	L
						80		S			L			L
						100		L						

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
23	Ammonia, aqueous	1336-21-6			Sat. sol.	20	S	S	S	S	NS	L	S	S
						40	S	S	S	L	NS	L	S	S
						60	S	S	S	L	NS		S	S
						80					NS			S
						100								
24	Ammonia, dry gas	7664-41-7	-78	-34	tg-g	20	S	S	S	S	NS	NS	S	S
						40	S	S	S	S	NS	NS	S	S
						60	S	L	S	S	NS		S	S
						80		L			NS			
						100		NS						
25	Ammonia, wet gas	7664-41-7	-78	-34	tg-g	20	S	S	S	S	L	NS	S	S
						40	S	S	L	L	NS	NS	S	S
						60	S	L	L	L	NS		S	
						80		L			NS			
						100		NS						
26	Ammonium acetate	631-61-8	114		Sat. sol.	20	S	S		S	S	L	S	S
						40	S	S		S	S	NS	S	S
						60	S	S		L	S		S	S
						80		S			L			
						100		S						
27	Ammonium bifluoride	1341-49-7	125		Sat. sol.	20	S	S	S	S	NS	NS	S	
						40	S	S	S	L			S	
						60	S	S	S	L			S	
						80		S						
						100								
28	Ammonium carbonate	506-87-6			Sat. sol.	20	S	S	S	S	S	L	S	S
						40	S	S	S	S	S	L	S	S
						60	S	S	S	S	S		S	S
						80		S						
						100		L						
29	Ammonium chloride	12125-02-9			Sat. sol.	20	S	S	S	S	S	L	S	S
						40	S	S	S	S	S	L	S	
						60	S	S	S	L	S		S	
						80		S			L			
						100		L						
30	Ammonium fluoride	12125-01-8			Up to 20	20	S	S	S	S	S	L	S	
						40	S	S	S	L	S	NS	S	
						60	S	S	S	NS	S		S	
						80								
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
30	Ammonium fluoride (cont'd)	12125-01-8			25	20	S	S	S	S	S	L	S	
						40	S	S	L	L	S	NS	S	
						60	S	S	L	L	S		S	
						80								
						100								
						Sat. sol.	20	S	S	S	S	S	NS	S
31	Ammonium hydrogen carbonate	1066-33-7			Sat. sol.	20	S	S	S	S	S	L	S	
						40	S	S	S	S	L	NS	S	
						60	S	S	S	S	NS		S	
						80								
						100								
						Sat. sol.	20	S	S	S	S	S	L	S
32	Ammonium metaphosphate	13446-46-3			Sat. sol.	20	S	S	S	S	S	L	S	
						40	S	S	S	S	S	NS	S	
						60	S	S	S	S	S		S	
						80			S					
						100			L					
						Sat. sol.	20	S	S	S	S	S	L	S
33	Ammonium molybdate	13106-76-8			Sat. sol.	20	S	S	S	S	S	L	S	
						40	S	S	S	S	S	L	S	
						60	S	S	L	L	L		S	
						80								
						100								
						Sat. sol.	20	S	S	S	S	S	L	S
34	Ammonium nitrate	6484-52-2	170		Sat. sol.	20	S	S	S	S	S	L	S	S
						40	S	S	S	L	S	L	S	S
						60	S	S	S	L	S		S	S
						80			S		S			
						100			S					
						Sat. sol.	20	S	S	S	S	S	L	S
35	Ammonium persulphate	7727-54-0			Sat. sol.	20	S	S	S	S	S	L	S	
						40	S	S	S	S	S	L	S	
						60	S	S	S	S	S		S	
						80								
						100								
						Sat. sol.	20	S	S	S	S	S	L	S
36	Ammonium phosphate	7722-76-1	190		Sat. sol.	20	S	S	S	S	S	L	S	S
						40	S	S	S	L	S	L	S	S
						60	S	S	S	L	S		S	S
						80			S		S			
						100			L					
						Sat. sol.	20	S	S	S	S	S	L	S

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U	
37	Ammonium sulphate	7783-20-2			Sat. sol.	20	S	S	S	S	S	L	S	S	
						40	S	S	S	S	S	L	S	L	
						60	S	S	S	L	S		S	L	
						80		S			S				
						100			L						
38	Ammonium sulphide	12135-76-1			Sat. sol.	20	S	S	S	S	L	L	S		
						40	S	S	S	S	L	L	S		
						60	S	S	S	L	L		S		
						80		S			NS				
						100									
39	Ammonium thiocyanate	1762-95-4	149		Sat. sol.	20	S	S	S	S	S	L	S		
						40	S	S	S	S	S	L	S		
						60	S	S	S	S	S		S		
						80									
						100									
40	Amyl acetate	628-63-7	-71	149	tg-l	20	S	L	NS	NS	NS	NS	S	S	
						40	S	NS		NS	NS	NS	S	S	
						60	L	NS		NS	NS		L	S	
						80								L	
						100									
41	Amyl alcohol	71-41-0	-78	138	tg-l	20	S	S	S	S	L	NS	S	S	
						40	S	S	S	S	L	NS	S	S	
						60	L	S	S	L	L		L	S	
						80		L			L			L	
						100			NS						
42	Amyl chloride	543-59-9	-99	108	tg-l	20	NS	NS	NS	NS	NS	NS	NS		
						40	NS	NS		NS	NS	NS	NS		
						60	NS	NS		NS	NS		NS		
						80									
						100									
43	Aniline	62-53-3	-6	184	Sat. sol.	20	S	L	S	NS	NS	NS	S	L	
						40	S	L	S	NS	NS	NS	S	NS	
						60	L	L	S	NS			L		
						80									
						100									
						tg-l	20	S	L	L	NS	NS	NS	S	L
							40	L	L	L	NS	NS	NS	L	NS
							60	L	L	L	NS	NS		L	
							80		NS						
							100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
44	Aniline hydrochloride	142-04-1	198	245	Sat. sol.	20	L	L	NS	NS	NS	NS	L	
						40	L	L	NS	NS	NS	NS	L	
						60	L	L	NS	NS	NS		L	
						80								
						100								
45	Anisole	100-66-3	-37	154	tg-l	20	L	L	NS	NS	NS	NS	L	L
						40	L	L	NS	NS	NS	NS	L	L
						60	NS	NS	NS	NS	NS	NS	NS	L
						80				NS				
						100								
46	Anthraquinone sulphonic acid	153277-35-1	214		Susp.	20	S	S		S	S	NS	S	
						40	S	S		L	S		S	
						60	S	S		L	S		S	
						80								
						100								
47	Antimony (III) chloride	10025-91-9	73	223	Sat. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S		S	
						80								
						100								
48	Apple juice				Work. sol.	20	S	S	S	S	S	S	S	S
						40	S	S		S	S	S	S	S
						60	S	S		S	S		S	S
						80		S						
						100		S						
49	Aqua regia	8007-56-5			HCl:HNO ₃ = 3:1	20	NS	NS	NS	L	S	NS	NS	NS
						40	NS	NS	NS	L	L	NS	NS	
						60	NS	NS	NS	NS	NS		NS	
						80		NS						
						100		NS						
50	Arsenic acid	7778-39-4	35		Sat. sol.	20	S	S	S	S	S	L	S	
						40	S	S	S	L	S	NS	S	
						60	S	S	S	L	S		S	
						80		L			L			
						100		NS						
51	Arsenic trioxide	1327-53-3	275	460	Sol.	20	L	L	NS		S	NS	L	
						40	L	L	NS		S	NS	L	
						60	L	L	NS		S	NS		
						80					S			
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
52	Barium bromide	10553-31-8			Sat. sol.	20	S	S	S	S	S	L	S	
						40	S	S	S	S	S	L	S	
						60	S	S	S	S	S		S	
						80		S			S			
						100		L						
53	Barium carbonate	513-77-9			Susp.	20	S	S	S	S	S	L	S	
						40	S	S	S	S	S	L	S	
						60	S	S	S	S	S		S	
						80		S						
						100		L						
54	Barium chloride	10361-37-2			Sat. sol.	20	S	S	S	S	S	L	S	S
						40	S	S	S	S	S	L	S	S
						60	S	S	S	S	S		S	S
						80		S			S			S
						100		L						
55	Barium hydroxide	17194-00-2	78		Sat. sol.	20	S	S	S	S	L	L	S	
						40	S	S	S	S	L	L	S	
						60	S	S	S	L	L		S	
						80					L			
						100								
56	Barium sulphate	7727-43-7			Susp.	20	S	S	S	S	S	L	S	
						40	S	S	S	S	S	L	S	
						60	S	S	S	S	S		S	
						80		S			S			
						100		L						
57	Barium sulphide	21109-95-5			Sat. sol.	20	S	S	S	S	S	L	S	
						40	S	S	S	S	S	L	S	
						60	S	S	S	S	S		S	
						80		S			S			
						100		L						
58	Beer				Work. Sol.	20	S	S	S	S	S	S	S	S
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S		S	
						80		S						
						100		S						

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
59	Benzaldehyde	100-52-7	-26	178	0,1	20	S	S	S	L	NS	NS	S	L
						40	S	S	S	NS	NS	NS	S	
						60	L	S	S	NS			L	
						80								
						100								
					tg-l	20	S	S	L	NS	NS	NS	S	L
						40	L	L	NS	NS	NS	NS	L	NS
						60	L	L	NS	NS	NS		L	NS
						80								
						100								
60	Benzene	71-43-2	6	80	tg-l	20	L	L	NS	NS	NS	NS	L	S
						40	L	L	NS	NS	NS	NS	L	L
						60	L	NS	NS	NS		L	L	
						80		NS		NS				
						100		NS						
61	Benzoic acid	65-85-0	122	250	Sat. sol.	20	S	S	S	L	S	L	S	L
						40	S	S	S	L	S	L	S	
						60	S	S	S	L	L		S	
						80		S			L			
						100		L						
62	Benzoyl chloride	98-88-4	-1	197	tg-l	20	L	L		NS	NS	NS	L	
						40	L			NS		NS	L	
						60	L			NS			L	
						80								
						100								
63	Benzyl alcohol	100-51-6	-15	205	tg-l	20	S	S		L	NS	NS	S	L
						40	S	S		NS	NS	NS	S	NS
						60	L	L		NS	NS		L	
						80		L						
						100								
64	Benzyl chloride	100-44-7	-39	179	tg-l	20	L	L			NS	NS	L	
						40	NS	NS			NS	NS	NS	
						60	NS	NS			NS		NS	
						80								
						100								
65	Bismuth carbonate	18400-34-5			Sat. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S		S	
						80		S						
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U		
66	Borax	1330-43-4			Sol.	20	S	S	S	S	S	S	S	S		
						40	S	S	S	S	S	S	S	S		
						60	S	S	S	L	S		S	S		
						80		S			S					
						100		L								
67	Boric acid	10043-35-3	168		Dil. sol.	20	S	S	S	S	S	S	S	S		
						40	S	S	S	S	S	S	S	S		
						60	S	S	S	L	S		S	S		
						80		S			S					
						100		L								
					Sat. sol.	20	S	S	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	S		
						60	S	S	S	L	S		S	S		
						80		S			S					
						100		L								
68	Boron trifluoride	7637-07-2	-129	-101	Sat. sol.	20	S	S	L	S	S	NS	S			
						40	S	S	L				S			
						60	S	S	L				S			
						80		S								
						100										
69	Bromic acid (dec. at 100°C)	7789-31-3			10	20	S	S		S	S	NS	S			
						40	S	S		S	S		S			
						60	S	S		S	S		S			
						80		S								
						100										
					50	20	NS	NS	NS						NS	
						40	NS	NS	NS						NS	
						60	NS	NS	NS						NS	
						80										
						100										
70	Bromine, gas	7726-95-6	-7	58	tg-g	60	NS	NS	NS	NS		NS	NS	NS		
						80										
						100										
71	Bromine, liquid	7726-95-6	-7	58	tg-l	20	NS	NS	NS	NS		NS	NS	NS		
						40	NS	NS	NS	NS		NS	NS	NS		
						60	NS	NS	NS	NS		NS	NS	NS		
72	Bromine water	7726-95-6			Sat. sol.	20	L	L	L	L	L	NS	L	NS		
						40	L	L	NS	L	L		L	NS		
						60	NS	NS	NS	L	L		NS	NS		
						80		NS								
						100		NS								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
73	Bromoethane	74-96-4	-119	38	tg-l	20	NS	NS		NS		NS	NS	
						40	NS	NS		NS		NS	NS	
						60	NS	NS		NS		NS	NS	
						80								
						100								
74	Butadiene, gas	106-99-0	-109	-5	tg-g	20	L	L	NS	L	L	NS	L	L
						40	NS	NS		L	L		NS	
		590-19-2	(713 mm)	60	NS	NS		L	L		NS			
				80		NS								
				100		NS								
75	Butane, gas	106-97-8	-138	-0,5	tg-g	20	S	S	NS	S	S	L	S	S
						40	S	S	NS	S	L	L	S	S
						60	S	L	NS	L	L	L	S	S
						80		L						
						100								
76	Butanediol	107-88-0	-50	207	10	20	S	S	L	L	L		S	
						40	S	S	L	NS	L		S	
						60	L	L	NS	NS	L		L	
						80		L			L			
						100		NS						
					tg-l	20	L	L	L	L	L	NS	L	
						40	L	L	L	NS	L	NS	L	
						60	L	L	L	NS	L	NS	L	
						80					L			
						100								
77	n-Butanol	71-36-3	-89	118	tg-l	20	S	S	S	S	L	NS	S	S
						40	S	S	S	S	L	NS	S	L
						60	S	L	S	L	L	NS	S	NS
						80					L			
						100								
78	Butyl acetate	123-86-4	-77	126	tg-l	20	L	L	L	NS	NS	NS	L	S
						40	L	L	L	NS	NS	NS	L	S
						60	L	L	NS	NS	NS	NS	L	S
						80		NS						L
						100		NS						
79	Butyl glycol	111-76-2	-75	171	tg-l	20	S	S	S	L	NS	L	S	
						40	L	L				NS	L	
						60	L	L				NS	L	
						80								
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
80	Butylphenol	89-72-5	98	237	Sat. sol.	20	S	S		L	L	NS	S	NS
						40	S	L		NS	NS	NS	S	
						60	S	L		NS	NS	NS	S	
						80								
						100								
81	Butyl phthalate	84-74-2	-35	340	tg-l	20	S	S	NS	NS	NS	NS	S	
						40	L	L		NS	NS	NS	L	
						60	L	L		NS	NS	NS	L	
						80		NS						
						100		NS						
82	Butyric acid	107-92-6	-5	164	20	20	S	S	S	L	L	NS	S	L
						40	S	L	L	L	L	NS	S	
						60	L	L	L	NS	L	NS	L	
						80								
						100								
					tg-l	20	S	L	L	NS	L	NS	S	L
						40	S	L	NS	NS	NS	NS	S	
						60	L	L	NS	NS	NS		L	
						80								
						100								
83	Butyryl chloride	141-75-3	-89	100	tg-l	20	L	L	NS		NS	NS	L	
						40	L	L			NS	L		
						60								
						80								
						100								
84	Calcium bisulphite	13780-03-5			Sat. sal.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S		S	
						80					S			
						100								
85	Calcium bromide	7789-41-5	730		Sat. sal.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
		71626-99-8				60	S	S	L	S	S		S	
						80		S			S			
						100								
86	Calcium carbonate	471-34-1			Susp.	20	S	S	S	S	S	L	S	
						40	S	S	S	S	S	L	S	
						60	S	S	S	S	S	L	S	
						80		S						
						100		S						

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
87	Calcium chlorate	10137-74-3	100		Sat. sol.	20	L	L	L	S	S	L	L	
						40	L	L	L	S	S	L	L	
						60	L	L	L	S	S	L	L	
						80								
						100								
88	Calcium chloride	10043-52-4	772	1670	Sat. sol.	20	S	S	S	S	S	S	S	S
		10035-04-8				40	S	S	S	S	S	S	S	S
		25094-02-4				60	S	S	S	S	S		S	S
		7774-34-7				80		S			S		S	S
						100		S						
89	Calcium hydroxide	1305-62-0			Sat. sol.	20	S	S	S	S	L	L	S	
						40	S	S	S	S	L	L	S	
						60	S	S	S	S	L		S	
						80								
						100								
90	Calcium hypochlorite	7778-54-3			10	20	L	L	L	S	L	L	L	
						40	L	L	L	S	L	L	L	
						60	L	L	L	L	L		L	
						80					L			
						100								
91	Calcium nitrate	10124-37-5	45		Sat. sol.	20	S	S	S	S	S	L	S	S
		13477-34-4				40	S	S	S	S	S	L	S	L
						60	S	S	S	S	S		S	L
						80							S	
						100								
92	Calcium sulphate	7778-18-9	1450		Susp.	20	S	S	S	S	S	S	S	
		10034-76-1				40	S	S	S	S	S	S	S	
		10101-41-4				60	S	S	S	S	S		S	
		13397-24-5				80								
						100								
93	Calcium sulphide	20548-54-3	2400		Dil. sol.	20	L	S		S	S	L	L	
						40	L	S		S	S	L	L	
						60	L	S		S	S		L	
						80		S						
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U	
94	Calcium hydrogen sulphide	9046-53-1			Sol.	20	S	S	S	S	S	L	S		
						40	S	S	S	S	S	L	S		
						60	S	S	S	S	S		S		
						80									
						100									
95	Camphor oil			175 to 200	tg-l	20	NS	NS		NS	NS	NS	NS	S	
						40	NS	NS							
						60	NS	NS							
						80		NS							
						100		NS							
96	Carbon dioxide aqueous sol.	124-38-9			Sat. sol.	20	S	S	S	S	S	S	S		
						40	S	S	S	S	S	S	S		
						60	S	S	S	S	S		S		
						80				S					
						100									
97	Carbon dioxide, dry gas	124-38-9			tg-g	20	S	S	S	S	S	L	S		
						40	S	S	S	S	S	L	S		
						60	S	S	S	S	S		S		
						80				S					
						100									
98	Carbon dioxide, wet gas	124-38-9			tg-g	20	S	S	S	S	S	L	S		
						40	S	S	S	S	S	L	S		
						60	S	S	S	S	S		S		
						80									
						100									
99	Carbon disulphide	75-15-0	-112	46	tg-l	20	L	L	NS	NS	NS	NS	L	S	
						40	NS	L	NS	NS	NS	NS	NS	L	
					tg-g	60	NS	NS	NS	NS	NS		NS	NS	
						80									
						100									
100	Carbon monoxide, gas	630-08-0			tg-g	20	S	S	S	S	S	L	S		
						40	S	S	S	S	S	L	S		
						60	S	S	S	S	S		S		
						80		S		S					
						100									

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
101	Carbon tetrachloride	56-23-5	-23	77	tg-l	20	L	NS	NS	NS	NS	NS	L	NS
						40	NS	NS	NS	NS	NS	NS	NS	
						60	NS	NS	NS	NS	NS	NS	NS	
						80		NS						
						100		NS						
102	Castor oil				tg-l	20	S	S	S	L	NS	NS	S	
						40	S	S	S					
						60	S	S	S					
						80								
						100								
103	Chlorine, aqueous (see 105)													
104	Chlorine, dry gas	7782-50-5			tg-g	20	L	NS	NS	L	L	NS	L	NS
						40	NS	NS	NS	NS	L	NS	NS	NS
						60	NS	NS	NS	NS	L		NS	NS
						80		NS						
						100		NS						
105	Chlorine water				Sat. sol.	20	L	L	L	S	S	NS	L	L
						40	L	L	L	S	S	NS	L	
						60	L	NS	L	L	S		L	
						80					S			
						100								
106	Chlorine, wet gas	7782-50-5			tg-g	20	L	NS	NS	L	L	NS	L	NS
						40	NS	NS	NS	NS	L	NS	NS	NS
						60	NS	NS	NS	NS	L		NS	NS
						80					L			
						100								
107	Chloroacetic acid	79-11-8	61	188	Sol.	20	S	S	NS	S	S		S	NS
						40	S	S	NS	L	L		S	
						60	S	S	NS	L	L		S	
						80				L				
						100								
					Sat. sol.	20	S	S	NS	L	L	NS	S	NS
						40	S	S	NS	L	L		S	
						60	S	S	NS	L	L		S	
						80		L		L			L	
						100								
						50	20	S	S	NS	L	L	NS	S
	40	S	S	NS	L	L		S						
	60	S	S	NS	L	L		S						
	80		L		L									
	100													

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U								
108	Chlorobenzene	108-90-7	-45	132	tg-l	20	L	L	NS	NS	NS	NS	L	L								
						40	NS	NS	NS	NS	NS	NS	NS	L								
						60	NS	NS	NS	NS	NS	NS	NS	NS								
						80		NS			NS											
						100		NS														
109	Chlorobromo- methane	74-97-5	-86	68	tg-l	20	L	L	NS	NS	NS	NS	L									
						40	L	NS	NS	NS	NS	NS	L									
						60	L	NS	NS	NS	NS	NS	L									
						80																
																	tg-g					
100																						
110	Chloroethanol	107-07-3	-89	129	tg-l	20	S	S	NS	NS	NS	NS	S									
						40	L	L		NS	NS	NS	L									
						60	L	L		NS	NS		L									
						80																
						100																
111	Chloroform	67-66-3	-64	62	tg-l	20	L	L	L	NS	NS	NS	L	NS								
						40	L	NS	NS	NS	NS	NS	L	NS								
						60	NS	NS	NS	NS	NS		NS	NS								
						80																
																tg-g						
100		NS																				
112	Chloromethane, gas	74-87-3	-97	-24	tg-g	20	L	L	NS	NS	NS	NS	L									
						40	NS	NS		NS	NS	NS	NS									
						60	NS	NS		NS	NS		NS									
						80		NS			NS											
						100		NS														
113	Chloropropanes	75-29-6	-123	36	tg-l	20	NS	NS	NS	NS	NS	NS	NS									
		540-54-5																				
		26446-76-4														40				NS	NS	NS
		60																	NS	NS		
		80																				
100																						
114	Chlorosulphonic acid	7790-94-5	68	147	50	20	NS	NS	NS	NS	NS	NS	NS	NS								
				(vacu- um)		40	NS	NS					NS	NS								
						60	NS	NS					NS	NS								
						80		NS														
						100		NS														

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U	
115	Chrome alum (chromium potassium sulphate)	10141-00-1			Sol.	20	S	S	S	S	S	S	S		
						40	S	S	S	S	S	S	S		
						60	S	S	S	S	S		S		
						80					S				
						100									
						20	S	S	S	S	S	NS	S		
						40	S	S	S	S	S		S		
						60	S	S	S	S	S		S		
						80									
						100									
116	Chromic acid	7738-94-5			Sat. sol.	20	L	L	NS	L	L	NS	L	NS	
						40	L	L	NS	L	L	NS	L		
						60	NS	NS	NS		L		NS		
						80		NS							
						100		NS							
						10	20	L	L	L	S	S	L	L	NS
						40	L	L	L	S	S	NS			
						60	L	L	L	L	S				
						80		L			L				
						100		NS							
						20	20	L	L	L	S	S	NS	L	NS
						40	L	L	L	S	S	NS			
						60	L	L	L	NS	S				
						80		NS			NS				
						100		NS							
						25	20	L	L	L	S	S	NS	L	NS
						40	L	L	L	S	S	NS			
						60	L	L	L	NS	S				
						80		NS			NS				
						100		NS							
30	20	L	L	L	S	S	NS	L	NS						
40	L	L	L	S	S			L							
60	L	NS	L	L	S			L							
80		NS			NS										
100		NS													
40	20	L	L	L	L	L	NS	L	NS						
40	L	L		NS	L										
60	L	NS			L										
80		NS													
100		NS													

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
116	Chromic acid (cont'd)	7738-94-5			50	20	L	L	L	L	L	NS	L	NS
						40	L	L		L	L			
						60	L	NS		L	L			
						80		NS						
						100		NS						
117	Citric acid	77-92-9	153		Sat. sol.	20	S	S	S	S	S	L	S	S
						40	S	S	S	S	S	L	S	S
						60	S	S	S	S	S		S	L
						80		S						NS
						100		S						
118	Coconut oil				Work. sol.	20	S	S	S	L	NS		S	S
						40	S	S	S					S
						60	L	S	S					S
						80								
						100								
119	Cod. liver oil				Work. sol.	20	S	S	S	L	NS	L	S	
						40	NS					L	NS	
						60	NS						NS	
						80								
						100								
120	Copper (II) chloride	7447-39-4			Sat. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S		S	
						60	S	S	S	S	S		S	
						80								
						100								
121	Copper (II) cyanide	544-92-3			Sat. sol.	20	S	S	S	S	S	NS	S	
						40	S	S	S	S	S		S	
						60	S	S	S	S	S			
						80								
						100								
122	Copper (II) fluoride	7789-19-7			Dil. sol.	20	S	S	S	S	S	NS	S	
						40	S	S	S	S	S		S	
						60	S	S	S	S	S		S	
						80								
						100								
					Sat. sol.	20	S	S		S	S		S	
						40	S	S		S	S		S	
						60	S	S		S	S		S	
						80								
						100								
					2	20	S	S	S	S	S	L	S	
						40	S	S	S	S	S	L	S	
						60	S	S	S	S	S		S	
						80								
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
123	Copper (II) nitrate	3251-23-8			Sat. sol.	20	S	S	S	S	S	L	S	
						40	S	S	S	S	S	L	S	
						60	L	S	S	S	S		L	
						80		L			S			
						100		L						
					50	20	S	S	S	S	S	L	S	
						40	S	S	S	S	S	L	S	
						60	S	S	S	L	S		S	
						80		L						
						100								
124	Copper (II) sulphate	7758-98-7			Sat. sol.	20	S	S	S	S	S	S	S	S
						40	S	S	S	S	S	S	S	S
						60	S	S	S	S	S		S	S
						80				S				S
						100								
125	Corn oil				Work. sol.	20	S	S	S	L	L	L	S	
						40	L	L	L	L			L	
						60	L	L	L	L			L	
						80								
						100								
126	Cottonseed oil				Work. sol.	20	S	S	S	L	L	L	S	
						40	S	S	L			L	S	
						60	S		L				S	
						80								
						100								
127	Cresols	106-44-5	11 to 34	191 to 203	tg-l	20	S	S	NS	NS	NS	NS	S	NS
		108-39-4				40	S	L	NS	NS	NS	NS	S	NS
		95-48-7				60	L	L	NS	NS	NS	NS	L	NS
						80								
						100								
128	Cresylic acid				Sat. sol (approx. 2-3%)	20	L	NS	L	NS	NS	NS	L	
						40	NS	NS		NS	NS		NS	
						60	NS	NS		NS	NS		NS	
						80								
						100								
					50 (tg-l)	20	L	NS	NS	L	L	NS	L	
						40	NS	NS	NS	NS			NS	
						60	NS	NS	NS	NS			NS	
						80								
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U						
129	Crotonaldehyde	123-73-9	-74	104	Sat. sol. (18%)	20	S	S	S	NS	NS	NS	S							
		15798-64-8				40	L	L	S	NS	NS		L							
		4170-30-3				60	L	L	L	NS	NS		L							
						80														
						100														
					tg-l	20	S	S	S	NS	NS	NS	S							
						40	L	L	L	NS			L							
						60	L	NS	NS	NS			L							
						80														
						100														
130	Crude oil (free from aromatics)				tg-l	20	S	L	S	S	L	NS	S	S						
						40	L	L	S	S			L	S						
						60	L	NS	L					S						
						80														
						100														
131	Cyclohexane	110-82-7	6	81	tg-l	20	S	S	S	L	L	L	S	S						
						40	L	L	L	NS		L	L	S						
						60	L	NS	NS	NS			L	L						
						80								L						
						100														
					tg-g	100														
						132	Cyclohexanol	108-93-0	24	161	Sat. sol.	20	S	S	S	NS	NS	NS	S	S
						40						S	L	S	NS	NS	NS	S	S	
						60						L	L	L	NS	NS		S	S	
						80							NS			NS		S		
100																				
133	Cyclohexanone	108-94-1	-26	156	tg-l	20	S	L	NS	NS	NS	NS	S	S						
						40	L	L	NS	NS	NS	NS	L	L						
						60	L	NS	NS	NS	NS		L	NS						
						80		NS			NS		L							
						100		NS												
134	Cyclohexylamine	108-91-8		135	tg-l	20	L	L	L	NS	NS	NS	L							
						40	NS	NS	NS				NS							
						60	NS	NS					NS							
						80														
						100														
135	Decalin	91-17-8	-51 to -36	185 to 193	tg-l	20	S	NS	NS	S	L	NS	S	S						
		493-01-6				40	L	NS		L	L		L	S						
		493-02-7				60	L	NS		L	NS		L	S						
						80		NS						L						
						100		NS												

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U	
136	Dextrin	9004-53-9			Dil. sol.	20	S	S	S	S	S	L	S	S	
						40	S	S	S	S	S	NS	S	S	
						60	S	S	S	S	S		S	S	
						80		S			S			L	
						100									
						Sol.	20	S	S	S	S	S	L	S	S
137	Dextrose (dec. at 200°C)	50-90-7	146		Sol.	20	S	S	S	S	S	L	S		
						40	S	S	S	S	S	NS	S		
						60	S	S	S	L	S		S		
						80		S			S				
						100		L							
						Sol.	20	S	S	S	S	S	L	S	
138	Diacetone alcohol	123-42-2	-47	166	tg-l	20	L	L	NS	NS	NS	NS	L	S	
						40	L	L	NS	NS	NS	NS	L	S	
						60	L	L	NS	NS	NS	NS	L	L	
						80					NS			L	
						100								NS	
139	Diazonium chloride (benzene diazonium chloride)	100-34-5			Work. sol.	20	L	L	L	L	L	NS	L		
						40									
						60									
						80									
						100									
140	Dichloroacetic acid	79-43-6	11	194	50	20	S	S	S	S	NS	NS	S		
						40	S	S	S	S	NS		S		
						60	L	L	L	L	NS		L		
						80		NS			NS				
						100									
						tg-l	20	L	L	L	NS	NS	NS	L	
						40	L	NS	NS	NS	NS	NS	L		
						60	L			NS			L		
						80									
						100									
141	Dichlorobenzene	95-50-1	-24 to 53	173 to 179	tg-l	20	L	L		NS	NS	NS	L	L	
		106-46-7				40	NS	NS		NS	NS	NS	NS	L	
		541-73-1				60	NS			NS	NS		NS		
						80									
					100										

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
142	Dichloroethylene	75-35-4	-81	34 to 60	tg-l	20	NS	NS		NS	NS	NS	NS	S
		540-59-0				40	NS	NS		NS	NS	NS	NS	S
		156-59-2				60	NS	NS		NS	NS		NS	L
		156-60-5			tg-g	80		NS						L
						100		NS						
143	Dichloromethane (see 259)													
144	Diesel fuel				Work. sol.	20	L	L	L	L	L	NS	L	S
						40	L	L	NS	L	L		L	S
						60	L	L	NS	NS	NS		L	L
						80		NS						
						100		NS						
145	Diethanolamine	111-42-2	28	268	tg-l	20	S	S	S	NS	L	NS	S	S
						40	L	L	L		L	NS	L	L
						60	L	L					L	L
						80								L
						100								
146	Diethylamine	109-89-7	-50	56	tg-l	20	S	S	S	NS	NS	NS	S	NS
						40	L	L	L	NS		NS	L	
					tg-g	60	NS	NS		NS			L	
						80								
						100								
147	Diethyl ether	60-29-7	-116	35	tg-l	20	L	L	L	NS	NS		L	S
					tg-g	40	NS	NS	NS	NS	NS		NS	S
						60	NS	NS	NS	NS	NS		NS	S
						80								
						100								
148	Diethylene glycol	111-46-6	-10	198	tg-l	20	S	S			L	L	S	
						40	S	S				L	S	
						60	S	S					S	
						80								
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U	
149	Diglycolic acid	110-99-6	148		Dil. sol.	20	S	S			L		S		
						40	S	S			L		S		
						60	S	S			L		S		
						80									
						100									
					Sat. sol.	20	S	S		S	L		S		
						40	L	L		S			L		
						60	L	L		L			L		
						80									
						100									
					18	20	S	S		L	L		S		
						40	S	S		L	L		S		
						60	S	S		L			S		
						80									
						100									
					tg-l	20	S	S		NS	NS		NS	S	S
						40	L	L		NS			NS	L	S
						60	L	L		NS				L	S
						80									
						100									
151	Dimethylamine	124-40-3			30	20	S	S		S	NS		S		
						40	S								
						60	L								
						80									
						100									
152	Dimethylamine, gas	124-40-3	-96	7	tg-g	20	S	S	NS	NS	NS	NS	S		
						40	S	S	NS			NS	S		
						60	L	L	NS				L		
						80									
						100									
153	Dimethyl-formamide	68-12-2	-61	153	tg-l	20	S	S		NS	NS	NS	S	L	
						40	S	S		NS		NS	S	L	
						60	L	S		NS			L	L	
						80									
						100									
154	Diocetyl phthalate	117-81-7		255 to 265	tg-l	20	S	L	L	NS	NS	NS	S	S	
						40	L	L	NS	NS	NS	NS	L	S	
		117-84-0		(20 mm)		60	L	L	NS	NS	NS		L	S	
						80								L	
						100									

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U	
155	Dioxane	123-91-1	12	100	tg-l	20	S	S		NS	NS	NS	S	S	
						40	S	L		NS		NS	S	L	
						60	S	L		NS			S	L	
						80		NS							
						100		NS							
156	Diphenylamine	122-39-4	54	310	Work. sol.	20	S	L				S	S		
						40	L	L				S	L		
						60	L	NS					L		
						80									
						100									
157	Ethanol	64-17-5	-114	78	40	20	S	S		S	L	NS	S	S	
						40	L	S		S	L	NS	S	S	
						60	L	S		L	L		S	S	
						80		S							
						100		S							
					95	20	S	S		S	NS	NS	S	S	
						40	S	S		L	NS	NS	S	L	
						60	S	S		L	NS		S	L	
						80		S							
						100		S							
						tg-l	20	S	S	S	S	NS	NS	S	S
							40	S	S	L	L	NS	NS	S	L
							60	S	S	L	L	NS		S	NS
tg-g	80		S												
	100		S												
158	Ethanolamine	141-43-5	-84	171	tg-l	20	S	S		NS	NS		S		
						40	L	L					L		
						60		L							
						80									
						100									
159	Ethyl acetate	141-78-6	-83	77	tg-l	20	S	L	L	NS	NS	NS	S	S	
						40	L	L	NS	NS		NS	L	S	
						60	NS	NS	NS	NS			L	S	
						tg-g	80		NS						
							100		NS						
160	Ethyl acrylate	140-88-5		99	tg-l	20	L	L		NS	NS	NS	L		
						40	L	L		NS			NS		
						60	NS	NS		NS			NS		
						80		NS							
						tg-g	100		NS						

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
161	Ethyl chloride, gas	75-00-3	-139	12	tg-g	20	L	NS		NS	NS	NS	L	
						40	NS	NS		NS	NS	NS	NS	
						60	NS	NS		NS			NS	
						80		NS						
						100		NS						
162	Ethylene bromide	106-93-4	10	132	tg-l	20	L	L	NS		NS		L	
						40	NS	L	NS				NS	
						60	NS	NS	NS				NS	
						80								
						100								
163	Ethylene chlorohydrin	107-07-3		129	tg-l	20	L	L	NS	NS	NS	NS	S	NS
						40	L	L	NS	NS		NS	S	
						60	L	L	NS	NS			S	
						80								
						100								
164	1,1 Ethylene dichloride	75-34-3	-35	57	tg-l	20	L	L		NS	NS	NS	L	L
						40	NS	L		NS		NS	NS	
						60	NS	L		NS			NS	
						80								
						100								
165	1,2 Ethylene dichloride	107-06-2	-35	83	tg-l	20	L	L	L	NS	NS	NS	L	L
						40	NS	NS	NS	NS		NS	NS	
						60	NS	NS	NS	NS			NS	
						80								
						100								
166	Ethylene glycol	107-21-1	-11	198	tg-l	20	S	S	S	L	L	L	S	S
						40	S	S	S	L	L	L	S	
						60	S	S	S	L	L		S	
						80		L			NS		S	
						100		L						
167	Ethyl ether	60-29-7	-113	35	tg-l	20	L	L	L	NS	NS	NS	S	S
						40	L	L	NS	NS		NS		
						60	L	L	NS	NS				
						80								
						100								
168	Ethyl glycol	110-80-5	-90	135	tg-l	20	S	S		NS	NS	NS	S	
						40	L	L				NS	L	
						60	NS	NS					NS	
						80								
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
169	Ethylene oxide	75-21-8	-113	10	tg-g	20	S	L	NS	NS	NS	NS	L	S
						40	S	L	NS	NS	NS	NS	L	S
						60	S	NS	NS	NS	NS	NS	L	L
						80					NS			NS
						100								NS
170	Ferric chloride	7705-08-0			Sat. sol.	20	S	S	S	S	S	L	S	S
						40	S	S	S	S	S	L	S	S
						60	S	S	S	S	S		S	S
						80		S			S			S
						100		L						S
171	Ferric nitrate	10421-48-4			Sat. sol.	20	S	S	S	S	S	L	S	
						40	S	S	S	S	S	L	S	
						60	S	S	S	S	S		S	
						80		S			L			
						100		S						
172	Ferric sulphate	10028-22-5			Sat. sol.	20	S	S	S	S	S	L	S	
						40	S	S	S	S	S	L	S	
						60	S	S	S	S	S		S	
						80		S			L			
						100		S						
173	Ferrous chloride	7758-94-3			Sat. sol.	20	S	S	S	S	S	L	S	
						40	S	S	S	S	S	L	S	
						60	S	S	S	S	S		S	
						80		L			S			
						100		L						
174	Ferrous sulphate	7720-78-7			Sat. sol.	20	S	S	S	S	S	L	S	
						40	S	S	S	S	S	L	S	
						60	S	S	S	S	S	L	S	
						80					L			
						100								
175	Fluoboric acid (dec. at 130°C)	16872-11-0			Sat. sol.	20	S	S	S	S	S	NS	S	
						40	L	L	L	S	S		L	
						60	L	L	L	L	L		L	
						80								
						100								
176	Fluorine gas, dry	7782-41-4			tg-g	20	NS	NS	L	NS	L	NS	L	NS
						40	NS	NS	NS	NS	L	NS	NS	
						60	NS	NS	NS	NS	L	NS	NS	
						80								
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U	
177	Fluorine gas, wet	7782-41-4			tg-g	20	NS	NS	L	NS	L	NS	NS	NS	
						40	NS	NS	NS	NS	NS	NS	NS	NS	
						60	NS	NS	NS	NS	NS	NS	NS	NS	
						80									
						100									
178	Fluosilicic acid	16961-83-4			Sat. sol.	20	S	S	S	S	S	NS	S		
						40	S	S	S	S	S	NS	S		
						60	L	L	S	S	S		L		
						80									
						100									
						25	20	S	S		S	S	L	S	
						40	S	S		S	S	NS	S		
						60	S	S		S	S		S		
						80									
						100									
						32	20	S	S		S	S	L	S	NS
						40	S	S		S	S	NS	S		
						60	S	S		S	S		S		
						80							L		
						100									
						40	20	S	S		S	S	NS	S	
						40	S	S		S	S		S		
						60	L	L		S	S		L		
						80									
						100									
50	20	S	S		L	NS	NS	S							
40	S	S		NS	NS		S								
60	L	L			NS		L								
80															
100															
179	Formaldehyde	50-00-0	-92	-19	Dil. sol.	20	S	S	S	S	L	NS	S	L	
						40	L	L	L	L	L		L	L	
						60	NS	NS	L	L	L		NS	NS	
						80									
						100									
						30 to 40	20	S	S	S	L	NS	NS	S	L
						40	L	L	L	L	NS	NS	L	NS	
60	L	NS	L	L	NS		NS	NS							
80															
100															

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U	
179	Formaldehyde (cont'd)				50	20	S	S	L	L	NS	NS	S	L	
						40	L	L	L	L	NS		L	NS	
						60	NS	NS	L	NS	NS		NS	NS	
						80									
						100									
180	Formic acid	64-18-6	8	101	10	20	S	S	S	S	S	L	S	NS	
						40	S	S	S	S	S	L	S	NS	
						60	L	L	L	L	S		S		
						80		L							
						100		L							
						40	20	L	L	L	L	NS	NS	S	NS
							40	L	L	L	L	NS	NS	S	
							60	L	L	NS		NS		L	
							80								
							100								
						50	20	L	L	L	L	NS	NS	S	NS
							40	L	L	L	L	NS	NS	L	
							60	L	L	NS	L	NS	NS	L	
							80								
							100								
85 to tg-l	20	L	L	L	L	NS	NS	S	NS						
	40	L	L	L	L	NS	NS	L							
	60	L	NS	NS	NS	NS	NS	L							
	80		NS												
	100		NS												
181	Freon 12	75-71-8		-30	Work. sol.	20	L	L	S	S	L	L	L	S	
						40	NS	NS	S	S	L	L			
						60	NS	NS	S	L	L				
						80									
						100									
182	Freon 22	75-45-6	-157	-41	tg-g	20	L	L	NS	NS	L	NS	L		
						40	L	NS	NS	NS	L	NS	L		
						60	L	NS	NS	NS	L	NS	L		
						80					L				
						100									
183	Fructose	57-48-7	102		Sol.	20	S	S		S	S	S	S	L	
						40	S	S		S	S	S	S	L	
						60	S	S		S	S		S		
						80									
						100									

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
184	Fruit juice				Work. sol.	20	S	S		S	S	S	S	S
						40	S	S		S	S	S	S	S
						60	S	S		S	S		S	S
						80		S						
						100		S						
185	Furfuryl alcohol	98-00-0	-29	170	tg-l	20	S	S		NS	NS	NS	S	
						40	S	S		NS	NS	NS	S	
						60	L	L		NS	NS	NS	L	
						80								
						100								
186	Gas, manufactured				tg-g	20	S	S	S	S	S		S	
						40			L					
						60			L					
						80								
						100								
187	Gas, natural, dry				tg-g	20	S	S	S	S	S	L	S	
						40	S	L	L	L	L	L		
						60	S	L	L	L	L			
						80								
						100								
188	Gas, natural, wet				tg-g	20	S	S	S	S	S	L	S	
						40	S		L	L	L	L		
						60	S		L	L	L			
						80								
						100								
189	Gasoline (fuel) (free from aromatics)				Work. sol.	20	S	L	NS	S	NS	NS	S	S
						40	S	NS	NS	L	NS	NS		L
						60	L	NS	NS	NS	NS	NS		L
						80								
						100								
190	Gelatine				Sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S		S	
						80								
						100								
191	Ginger ale				Work. sol.	20	S	S				S	S	
						40	S	S					S	
						60	S	S					S	
						80		S						
						100		S						

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
192	Glucose (dec. at > 200°C)	50-99-7	146		Sol.	20	S	S	S	S	S	S	S	L
						40	S	S	S	S	S	S	S	L
						60	S	S	S	L	S		S	
						80								
						100								
193	Glycerine	56-81-5	20	290	tg-l	20	S	S	S	S	S	S	S	S
						40	S	S	S	S	S	S	S	S
						60	S	S	S	S	S		S	L
						80								L
						100								
194	Glycolic acid	79-14-1	80		Sol.	20	L	L	L	S	L	NS	L	
						40	L	L	L	S	L		L	
						60	L	L	L	L	NS		L	
						80								
						100								
					30	20	L	L	L	S	L	NS	L	
						40	L	L	L	S	L		L	
						60	L	L	L	L	NS		L	
						80								
						100								
					65	20	L	L	L		L	NS	L	
						40	L	L	L				L	
						60	L	L	L				L	
						80								
						100								
195	Grapefruit juice				Work. sol.	20	S	S	S	S		S	S	
						40	S	S	S			S	S	
						60	S	S	S				S	
						80		S						
						100		S						
196	Heptane	142-82-5	-90	98	tg-l	20	S	L	NS	S	L	S	S	S
						40	L	NS	NS	L	S		L	S
						60	NS	NS	NS	NS			NS	S
						80		NS						S
						100		NS						
197	Hexadecanol	36653-82-4	50	340	Work. sol.	20	S	S		S			S	
						40	S			S			S	
						60	S			S			S	
						80								
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
198	Hexane	110-54-3	-94	69	tg-l	20	S	S	NS	S	L	NS	S	S
						40	L	L	NS	L	L	NS	L	S
						60	L	L	NS	NS	L		L	S
						80								S
						100								
199	1-Hexanol	111-27-3	-52	158	tg-l	20	S	S	S	S	NS		S	
						40	S	S	S	S	NS		S	
						60	S	S	S	S	NS		S	
						80								
						100								
200	Honey				Work. sol.	20	S	S	S	S	S	S	S	S
						40	S	S	S	S	S	S	S	S
						60	S	S	S	S	S		S	S
						80								
						100								
201	Horseradish				Work. sol.	20	S	S	S	L		L	S	
						40	S	S	S	L		L	S	
						60	S	S	S	L			S	
						80		S					S	
						100		S						
202	Hydrobromic acid	10035-10-6	-87	-67	Up to 20	20	S	S	S	S	S		S	
						40	S	S	S	L	S		S	
						60	S	S	S	L			S	
						80								
						100								
					Up to 50	20	S	S		S	S		S	
						40	S	S		S	S		S	
						60	S	L		L	L		S	
						80					L			
						100								
					66	20	L	L						L
						40	L	L						L
						60	NS	NS						NS
						80								
						100								
tg-g	20	L	L						S	L				
	40	L	L							L				
	60	L	L							L				
	80													
	100													

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
203	Hydrochloric acid	7647-01-0			Up to 10	20	S	S	S	S	S	L	S	L
						40	S	L	L	S	S	L	S	L
						60	S	L	L	L	S		S	NS
						80		L			S			
						100		L						
						20	S	S	S	S	S	NS	S	L
						40	S	L	L	S	S	NS	S	L
						60	S	L	L	L	S		S	NS
						80					S			
						100								
					20	S	S	S	S	S	NS	S		
					40	S	L	L	S	S	NS	S		
					60	S	L	L	L	S		S		
					80					S				
					100									
					20	S	L	S	S	S	NS	S	NS	
					40	S	L	L	S	S		S		
					60	S	L	L	L	S		S		
					80		L			L				
					100		NS							
20	S	L	L	S	S	NS	S	NS						
40	S	L	L	S	S		S							
60	L	L	L	L	S		L							
80		NS			L									
100														
20	S	L	L	S	S	NS	S	NS						
40	S	L	L	S	S		S							
60	L	L	L	L	S		L							
80		NS			L									
100														
204	Hydrochloric acid, dry gas	7647-01-0			tg-g	20	S	S			S	NS	S	
						40	L	L			S	NS	L	
						60	NS	NS			S		NS	
						80								
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U				
205	Hydrochloric acid, wet gas	7647-01-0			tg-g	20	S	S			S	NS	S					
						40	L	L			S	NS	L					
						60	NS	NS			S		NS					
						80												
						100												
206	Hydrocyanic acid	74-90-8	-15	25	Sat. sol.	20	S	S	S	S	S	NS	S	NS				
						40	L	L	S	S	S		L					
						60	NS	NS	S	L	S		NS					
						80				L								
						100												
								10	20	S	S	S	S	S	NS	S	NS	
									40	S	S	S	S	S		S		
									60	S	S	S	L	S		S		
									80		L			L		NS		
									100			NS						
									tg-l	20	S	S	S	S	S	NS	S	
									tg-g	40	L	L	S	S	S		L	
										60	NS	NS	S	L	S		NS	
										80								
										100								
207	Hydrofluoric acid	7664-39-3	-85	20	Up to 10	20	S	S	S	L	L	NS	S					
						40	S	S	S	L	L	NS	S					
						60	S	L	L	L	L		S					
						80		L			L							
						100		L										
								40	20	S	S	S	L	L	NS	S	NS	
									40	S	S	L	L	L		S		
									60	L	L	L	NS	NS		L		
									80									
									100									
									48	20	S	L	L	NS	L	NS	S	NS
										40	L	NS	L		L		L	
										60	L		NS		NS		L	
										80								
										100								
					50	20	S	L	L	NS	L	NS	S	NS				
					40	L	NS	L		NS	NS	L						
					60	L		NS		NS		L						
					80													
					100													

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
207	Hydrofluoric acid (cont'd)	7664-39-3	-85	20	60	20	S	L	L	NS	L	NS	S	NS
						40	L	NS	NS	NS	NS		L	
						60	L	NS	NS	NS	NS		L	
						80								
						100								
						20	S	L	L	NS	L	NS	S	NS
						40	L	NS	NS	NS	NS		L	
						60	L	NS	NS	NS	NS		L	
						80								
						100								
208	Hydrofluoric acid, gas	7664-39-3			tg-g	20	NS	NS	NS	L	L	NS	NS	
						40				NS				
						60				NS				
						80								
						100								
209	Hydrogen	1333-74-0			tg-g	20	S	S	S	S	S	S	S	S
						40	S	S	S	S	S	L	S	S
						60	S	S	S	S	S		S	S
						80		L						S
						100		NS						
210	Hydrogen peroxide	7722-84-1	1	158	Up to 10	20	L	S	S	S	L	L	L	L
						40	L	L	L	S	L	L	L	L
						60	L	L	L	L	L		L	L
						80		L						
						100								
						20	L	L	L	S	L	NS	L	NS
						40	L	L	L	S	L		L	NS
						60	L	L	L	L	L		L	NS
						80								
						100								
						20	L	L	NS	L	L	NS	L	NS
						40	L	L	NS	L	L		L	NS
						60	NS	L	NS	L	L		NS	NS
						80								
						100								
						20	L	L	NS	L	L	NS	S	NS
						40	L	NS	NS	L	NS			
						60	NS	NS	NS	L				
						80								
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
211	Hydrogen phosphide (see 294)													
212	Hydrogen sulphide, aqueous	7783-06-4			Dil. sol.	20	S	S	S	S	S	NS	S	
						40	S	S	S	S	S		S	
						60	L	S	S	L	S		L	
						80		L			L			
						100								
					Sat. sol.	20	S	S	S	S	S	NS	S	L
						40	S	S	S	S	S		S	
						60	L	S	S	L	S		L	
						80		L			L			
						100								
					tg-g	20	S	S	S	S	S	NS	S	
						40	S	S	S	S	S		S	
						60	L	S	S	L	S		L	
						80		L			L			
						100								
213	Hydrogen sulphide, dry gas	7783-06-4		-61	tg-g	20	S	S	S	S	S	L	S	L
						40	S	S	S	S	S	L	S	
						60	L	S	S	L	S		L	
						80		L			L			
						100		NS						
214	Hydroquinone	123-31-9	170	286	Sat. sol.	20	S	S	S	S	S	L	S	S
				(730 mm)		40	L	L	L	S	L	L	L	S
						60	L	L	L	L	NS		L	S
						80								
						100								
215	Hypochlorous acid	7790-92-3			Sat. sol.	20	L	L	L	S	L	NS	L	
						40	NS	NS	L	S	L		NS	
						60	NS	NS	NS	L	L		NS	
						80								
						100								
					70	20	L	L	L	S	L	NS	L	
						40	NS	NS	L	S	L		NS	
						60	NS	NS	NS	L	L		NS	
						80								
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
216	Iodine (in potassium iodine)				Sat. sol.	20	NS	NS	NS	NS	NS	NS	NS	NS
						40	NS	NS		NS		NS	NS	
						60	NS	NS		NS			NS	
						80		NS						
						100		NS						
217	Iodine, in alcohol	7553-56-2	114	183	Work. sol.	20	NS	L	L	NS	NS	NS	NS	
						40	NS	L	L	NS		NS	NS	
						60	NS	L	NS	NS		NS	NS	
						80								
						100								
218	Isobutyl alcohol	78-83-1	-108	108	tg-l	20	S	S	S	S	NS	L	S	
						40	S	S	S	L		NS	S	
						60	L	L	L	L			L	
						80								
						100								
219	Isobutyronitrile	78-82-0		107	tg-l	20	L	L	L	NS	NS	NS	L	
						40	L	L					L	
						60	NS	NS					NS	
						80								
						100								
220	Isooctane	26635-64-3		99	tg-l	20	S	L	L	S	S	L	S	S
						40	L	L	NS	L	L	NS	L	S
						60	L	L		NS	NS		L	L
						80								L
						100								
221	Isopropyl acetate	108-21-4	-73	90	tg-l	20	S	S	S	NS	NS	NS	S	
						40	L	L	L	NS			L	
						60	L	L		NS			L	
						80								
						100								
222	Isopropyl alcohol	67-63-0	-90	82	tg-l	20	S	S	S	S	NS	L	S	L
						40	S	S	S	L	NS		S	L
						60	S	S	S	L	NS		S	L
						80		S						
						100		S						
223	Isopropyl ether	108-20-3	-60	68	tg-l	20	L	L	L	NS	NS	NS	L	S
						40	L	NS	NS	NS			NS	
						60	NS	NS	NS	NS			NS	
						80								
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
224	Kerosene	8008-20-6		150 to 250	Work. sol.	20	S	L	L	L	L	L	S	S
						40	L	L	NS	L	L		L	S
						60	L	L	NS	L	NS		L	L
						80		NS						
						100		NS						
225	Lactic acid	50-21-5	18	119	10	20	S	S	S	S	S	L	S	S
				(12 mm)		40	S	S	S	L	L		S	L
						60	S	S	S	L	L		S	L
						80		S			L			L
						100		L						
					28	20	S	S	S	S	S	L	S	S
						40	S	S	S	L	L		S	L
						60	S	S	S	L	L		S	L
						80		S			L			L
						100		L						
					90	20	S	S	S	L	S	NS	S	S
						40	S	S	L	L	S		S	L
						60	S	S		NS	S		S	L
						80								L
						100								
					tg-l	20	S	S	S	L	L	NS	S	S
						40	S	L	L	L	L		S	L
						60	S	L		NS	L		S	L
						80								L
						100								
226	Lanolin	8006-54-0			Work. sol.	20	S	S	S	L	NS	L	S	S
						40	L	S	L	L		L	S	
						60	L	L					S	
						80								
						100								
227	Lauryl chloride	112-52-7	-25	243	Sat. sol.	20	L	L	L	NS	NS	L	L	
						40	L	L	L			L	L	
						60	NS	NS	L				NS	
						80								
						100								
228	Lead acetate	6080-56-4	75		Dil. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S		S	
						80		L			S			
						100		L						

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U	
229	Lead tetraethyl (dec. at 200°C)	78-00-2			tg-l	20	S	S	S	S	S	NS	S		
						40	S	S	L	L	L		S		
						60				L					
						80									
						100									
230	Linseed oil				Work. sol.	20	S	S	S	L	NS	L	S	S	
						40	S	S	S	L	NS			S	
						60	L	S	S	L				S	
						80		L						S	
						100		L							
231	Magnesium carbonate	546-93-0			Susp.	20	S	S	S	S	S	S	S	S	
		5145-48-2				40	S	S	S	S	S	S	S	S	
		14457-83-1				60	S	S	S	S	S		S	S	
		61042-72-6				80		S			L				
						100		S							
232	Magnesium chloride	7786-30-3			Sat. sol.	20	S	S	S	S	S	S	S	S	
		7791-18-6				40	S	S	S	S	S	S	S	S	
						60	S	S	S	S	S		S	S	
						80		S			S				
						100		S							
						50	20	S	S	S	S	S	S	S	S
							40	S	S	S	S	S	S	S	S
							60	S	S	S	S	S	S	S	S
							80								S
							100								
233	Magnesium hydroxide	1309-42-8			Sat. sol.	20	S	S	S	S	L	L	S	S	
							40	S	S	S	S	L	L	S	S
							60	S	S	S	S	L		S	S
							80								
							100								
234	Magnesium nitrate	13446-18-9			Sat. sol.	20	S	S	S	S	S	L	S	S	
							40	S	S	S	S	S	L	S	S
							60	S	S	S	S	S		S	S
							80								
							100								
235	Magnesium sulphate	14168-73-1			Sat. sol.	20	S	S	S	S	S	S	S	S	
		15320-30-6				40	S	S	S	S	S	S	S	S	
		15244-29-8				60	S	S	S	S	S		S	S	
		17830-17-0				80		S			S				
		17830-18-1				100									

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U				
236	Maleic acid (dec. at 160°C)	110-16-7	131		Sat. sol.	20	S	S	S	S	S		S					
						40	S	S	S	S	S		S					
						60	S	S	S	L	S		S					
						80												
						100												
									50	20	S	S					S	
										40	S	S					S	
										60	S							
										80								
										100								
237	Malic acid (subl.)	110-16-7	136		Sol.	20	S	S	S	S	L	NS	S					
						40	S	S	S	L	L		S					
						60	S	S	S	L	L		S					
						80												
						100												
									Sat. sol.	20	S	S	S	S	L	NS	S	
										40	S	S	S	L	NS		S	
										60	S	S	S	L			S	
										80								
										100								
238	Margarine				Work. sol.	20	S	S	S	NS	NS	L	S	S				
						40	S	S	L			L	S	S				
						60	S	S					S	S				
						80								S				
						100												
239	Mayonnaise				Work. sol.	20	S	S	S	L	NS	L	S	S				
						40	S	S	L				S					
						60	S	S					S					
						80												
						100												
240	Mercuric chloride	7487-94-7			Sat. sol.	20	S	S	S	S	S	L	S	S				
						40	S	S	S	S	S	L	S					
						60	S	S	S	S	S		S					
						80												
						100												
241	Mercuric cyanide	592-04-1			Sat. sol.	20	S	S	S	S	S	L	S	S				
						40	S	S	S	S	S	L	S					
						60	S	S	S	S	S		S					
						80												
						100												

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U	
242	Mercurous nitrate	14836-60-3			Sol.	20	S	S	S	S	S	L	S		
						40	S	S	S	S	S	L	S		
						60	S	S	S	S	S		S		
						80									
						100									
					Sat. sol.	20	S	S	S	S	S	L	S		
						40	S	S	S	S	S	NS	S		
						60	S	S	S	S	S	NS	S		
						80									
						100									
243	Mercury	7439-97-6			tg-l	20	S	S	S	S	S	S	S	S	
						40	S	S	S	S	S		S	S	
						60	S	S	S	S	S		S	S	
						80								S	
						100									
244	Mercury (II) chloride (see 240)														
245	Mercury (II) cyanide (see 241)														
246	Mesityl oxide	141-79-7	-59	131	Work. sol.	20	NS	NS	NS	NS	NS	NS	NS		
						40	NS	NS	NS	NS		NS	NS		
						60	NS	NS	NS	NS			NS		
						80									
						100									
247	Methane	74-82-8	-182	161	tg-g	20	S	S	S	S	L	NS	S	S	
						40	L	L	L	S	L	NS	L	S	
						60		L		L	L			S	
						80		L			L				
						100									
248	Methyl acetate	79-20-9	-98	57	tg-l	20	S	S		NS	NS	NS	S	S	
						40	S	S		NS		NS	S	S	
						tg-g	60		S		NS				S
							80								
							100								
249	Methyl alcohol	67-56-1	-97	65	5	20	S	S	S	S	NS	NS	S	S	
						40	S	S	S	L		NS	S	S	
						60	S	L	S	L			S	S	
						80									
						100									

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
249	Methyl alcohol (cont'd)	67-56-1	-97	65	tg-l	20	S	S	S	S	NS	NS	S	S
						40	S	S	S	L	NS	NS	S	L
						60	S	S	S	L	NS		S	NS
						80								
						100								
250	Methyl bromide (bromo methane)	74-83-9	-94	4	tg-g	20	L	NS	NS	NS	NS		L	S
						40	NS	NS	NS	NS	NS		NS	NS
						60	NS	NS	NS	NS	NS			
						80					NS			
						100								
251	Methyl butyl ketone	591-78-6	-57	127	tg-l	20	L	S	S	NS	NS	NS	L	S
						40	L	L	L	NS		NS	L	L
						60	NS	L	NS	NS			NS	L
						80								NS
						100								
252	Methyl cyclohexanones	583-60-8		162 to 169	tg-l	20	L	L	L	NS	NS	L	L	
		589-92-4				40	L	L			L	L		
		591-24-2				60								
						80								
						100								
253	Methyl ethyl ketone	78-93-3	-86	80	tg-l	20	S	S	S	NS	NS	NS	S	S
						40	L	L	L	NS		NS	S	S
						60	L	L	L	NS			L	L
						80								NS
						100								
254	Methyl glycol	109-86-4	-85	124	Work. sol.	20	S	S	L	NS	NS	L	S	
						40	L	L	L			NS	L	
						60	L	L	NS				L	
						80								
						100								
255	Methyl methacrylate	80-62-6		100	tg-l	20	S	S	S	NS	NS	NS	S	
						40	S	S	S	NS	NS		S	
						60	S	S	L	NS	NS		S	
						80								
						100								
256	Methyl sulphate	77-78-1	-32	188	Work. sol.	20	L	L	NS	L	L	NS	L	S
						40	L	L					L	
						60								
						80								
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
257	Methyl sulphonic acid (dec.)	75-75-2	-30		tg-l	20	L	L	L	S	NS	NS	NS	
						40	L	L	L	L			NS	
						60	NS	L	L				NS	
						80								
						100								
258	Methylamine	74-89-5	-93	6	Up to 32	20	S	S	S	NS	NS	NS	S	
						40	L	L	L	NS			L	
						60	L	NS	NS	NS			L	
						80								
						100								
259	Methylene chloride	75-09-2	-97	40	tg-l	20	L		L	NS	NS	NS	NS	NS
						40	L		L	NS	NS	NS	NS	
					tg-g	60			L	NS	NS		NS	
						80								
						100								
260	Milk				Work. sol.	20	S	S	S	S	S	S	S	S
						40	S	S	S	S	S	S	S	S
						60	S	S	S	S	S		S	S
						80		S						S
						100		L						
261	Mineral oils (free from aromatics)				Work. sol.	20	S	S	S	L	S	NS	S	S
						40	L	L	L	L	S		S	S
						60	NS	L		L	L		S	S
						80							L	
						100								
262	Molasses				Work. sol.	20	S	S	S	S	S	S	S	
						40	L	S	S	L	S	S	S	
						60	L	S	L	L	S		S	
						80		L						
						100								
263	Mustard, aqueous				Work. sol.	20	S	S	S	S	NS	L	S	S
						40	S						S	
						60	S						S	
						80								
						100								
264	Naphtha				Work. sol.	20	S	L	NS	NS	S	NS	S	S
						40	L	L		NS	L	NS	S	S
						60	NS	NS		NS	L		S	S
						80							L	
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
265	Naphthalene	91-20-3	80	218	Work. sol.	20	S	L	L	NS	L		S	S
						40	L	L	L	NS		L	S	
						60	L	L	NS	NS		L	S	
						80							S	
						100								
266	Nickel acetate	373-02-4 6018-89-9 14998-37-9			Sat. sol.	20	S	S	S	S	S	L	S	
						40	S	S	S	S	S	L	S	
						60	S	S	S	S	S		S	
						80		S			S			
						100								
267	Nickel chloride	7718-54-9 7791-20-0			Sat. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S		S	
						80		S			S			
						100								
268	Nickel nitrate	13138-45-9 13478-00-7			Sat. sol.	20	S	S	S	S	S	L	S	
						40	S	S	S	S	S	L	S	
						60	S	S	S	S	S		S	
						80		L			S			
						100								
269	Nickel sulphate	7786-81-4 10101-97-0 10101-98-1			Sat. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S		S	
						80		L			S			
						100								
270	Nicotin acid	59-67-6	236		Susp.	20	S	S	S	S	S	NS	S	
						40	S		S	S	S		S	
						60	S		S	S	S		S	
						80								
						100								
271	Nitric acid	7697-37-2			5	20	L	L	L	S	S	NS	L	NS
						40	L	L	NS	S	S	NS	L	
						60	L	L	NS	S	S		L	
						80					S			
						100								
						20	L	L	L	S	S	NS	L	NS
						40	L	L	NS	S	S	NS	L	
						60	L	NS	NS	S	S		L	
						80					S			
100														

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
271	Nitric acid (cont'd)	7697-37-2			20	20	L	L	NS	S	S	NS	L	NS
						40	L	L	NS	S	S	NS	L	NS
						60	NS	NS	NS	L	L		NS	
						80					L			
						100								
					25	20	L	L	NS	S	S	NS	L	NS
						40	L	L	NS	S	S	NS	L	
						60	NS	NS	NS	L	S		NS	
						80					L			
						100								
					30	20	L	L	NS	S	S	NS	L	NS
						40	NS	NS	NS	S	S	NS	NS	
						60	NS	NS	NS	L	L		NS	
						80					L			
						100								
					35	20	L	NS	NS	S	S	NS	L	NS
						40	NS	NS	NS	S	S	NS	NS	
						60	NS	NS	NS	L	S		NS	
						80					NS			
						100								
					40	20	NS	NS	NS	S	S	NS	NS	NS
						40	NS	NS	NS	L	L	NS	NS	
						60	NS	NS	NS	L	L		NS	
						80		NS			NS			
						100								
					45	20	NS	NS	NS	S	S	NS	NS	NS
						40	NS	NS	NS	L	L	NS	NS	
						60	NS	NS	NS	L	L		NS	
						80					NS			
						100								
					50	20	NS	NS	NS	S	S	NS	NS	NS
						40	NS	NS	NS	L	L	NS	NS	
						60	NS	NS	NS		NS		NS	
						80								
						100								
					60	20	NS	NS	NS	NS	S	NS	NS	NS
						40	NS	NS	NS	NS	L	NS	NS	
						60	NS	NS	NS	NS	NS		NS	
						80								
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
271	Nitric acid (cont'd)	7697-37-2			85	20	NS	NS	NS	NS	L	NS	NS	NS
						40	NS	NS				NS	NS	
						60	NS	NS					NS	
						80		NS						
						100								
272	Nitric acid, fuming (with nitrogen dioxide)					20	NS	NS	NS	NS	NS	NS	NS	
						40	NS	NS	NS	NS	NS	NS		
						60	NS	NS	NS	NS	NS			
						80								
						100								
273	Nitrobenzene	98-95-3	6	210	tg-l	20	S	S	S	NS	NS	NS	NS	L
						40	L	L	L	NS	NS	NS	NS	L
						60	L	L		NS	NS		NS	L
						80								
						100								
274	Nitromethane	75-52-5	-29	101	tg-l	20	S	S		NS			S	
						40	L	L		NS			L	
						60	L	L		NS			L	
						80								
						100								
275	Oleic acid	112-80-1	16	286	tg-l	20	S	S	S	S	S	L	S	S
				(100 mm)		40	L	L	L	S	L	L	S	S
						60	L	L		L	L		L	S
						80					L			L
						100								
276	Oleum					20	NS	NS	NS	NS	NS	NS	NS	NS
						40	NS	NS	NS	NS	NS	NS	NS	
						60	NS	NS	NS	NS			NS	
						80		NS						
						100		NS						
277	Olive oil				Work. sol.	20	S	S	L	S	NS	L	S	S
						40	S	S		S	NS	L		S
						60	L	L		L	NS			S
						80		L						
						100		L						
278	Orthophosphoric acid (see 295)													

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U				
279	Oxalic acid (subl.)	6153-56-6	102		Dil. sol.	20	S	S	S	S	S	L	S	S				
						40	S	S	S	L	S		S	S				
						60	S	S	L	L	S		S	S				
						80					S							
						100												
							Sat. sol.	20	S	S	S	S	L	S	S			
		40	S					S	S	S	S		S	L				
		60	S					L	L	S	S		S	L				
		80						L			S			NS				
		100						NS										
							50	20	S	S					S			
		40	S					S						S				
		60	S					S						s				
		80																
		100																
280	Oxygen, gas	7782-44-7			tg-g	20	S	S	S	S	S	S	S	S				
						40	L	S	S	S	S	L	S	S				
						60	L	L	L	S	S		L	S				
						80					S							
						100												
281	Ozone, gas	10028-15-6			Sat. sol.	20	L	NS	NS	L	L	NS	L	L				
						40	NS	NS			L		NS	NS				
						60	NS	NS			L		NS					
						80												
						100												
										tg-g	20	L	NS	NS	L	L	NS	L
					40	NS					NS		L	L	NS	NS		
					60	NS					NS		L	L		NS		
					80						NS							
					100						NS							
282	Paraffin				tg-l	20	S	S	S	S	S	S	S	S				
						40	S	S	L	S	S		S	S				
						60	L	S		L	L		L	S				
						80					L							
						100												
283	Paraffin oil (F65)	8012-95-1			tg-l	20	S	S	S	S	S	L	S	S				
						40	L	S	L	S	S		S	S				
						60	L	L		L	L		S	S				
						80		NS										
						100		NS										

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
284	Peanut oil				Work. sol.	20	S	S	S	L	NS	NS	S	S
						40	S	S	S		NS		S	S
						60	L	L	L		NS		L	S
						80					NS			
						100								
285	Pentane	109-66-0	-131	36	Work. sol.	20	S	L	S	S	S	NS	S	
						40	S	L	S	S	S	NS	S	
						60	L	L	L	L	L		L	
						80								
						100								
286	Peppermint oil				Work. sol.	20	S	S	S	S	NS	NS	S	L
						40		S	S	L				
						60		L	L					
						80								
						100								
287	Perchloro-ethylene	127-18-4	-22	121	Work. sol.	20	L	L	NS	NS	NS	NS	S	L
						40	L	NS					L	NS
						60	NS	NS					L	
						80		NS						
						100		NS						
288	Perchloric acid	7601-90-3	-112	39	10	20	L	L	L	S	S	NS	S	NS
				(56 mm)		40	L	L	L	L	S		S	
						60	L	L	NS	L	L		L	
						80		NS			L			
						100		NS						
					(2N) 20	20	L	L	L	S	S	NS	S	NS
						40	L	L	NS	L	S		S	
						60	NS	NS		L	L		L	
						80		NS						
						100		NS						
					70	20	L	L	NS	L	L	NS	L	NS
						40	NS	NS	NS	NS				
						60	NS		NS	NS				
						80								
						100								
289	Petrol (aliphatic hydrocarbon / benzene)				80/20	20	S	L	S	NS	NS	NS	S	
						40	L	L	L	NS			L	
						60	L	NS		NS			L	
						80								
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U	
290	Petroleum ether (ligroin)	8032-32-4			Work. sol.	20	S	L	L	S	S	NS	S	S	
						40	L	L	L	S	S		L		
						60	L	L		L	S		L		
						80									
						100									
291	Phenol	108-95-2	41	182	Sol.	20	S	S	S	L	L	NS	S		
						40	S	S	L	L	L		S		
						60	L	L		L	L		S		
						80		NS			L				
						100									
						5	20	S	S	S	S	S	NS	S	L
						40	S	S	S	L	L		S	L	
						60	S	S	L	L	L		S	L	
						80									
						100									
						50	20	S	S	S	NS	NS	NS	S	
						40	S	S	L					S	
						60								S	
						80									
						100									
						90	20	S	S	S	NS	NS	NS	S	NS
						40	S	S	L	NS	NS		S		
						60	L	L			NS		S		
						80		NS							
						100									
tg-l	40		S	L											
60		S	L												
80															
100															
292	Phenylhydrazine (dec.)	100-63-0	20	243	tg-l	20	L	L	L	NS	NS	NS	S		
						40	L	L		NS	NS		L		
						60	NS	L		NS	NS				
						80				NS					
						100									
293	Phenylhydrazine hydrochloride (subl.)	59-88-1	240		Dil. sol.	20	S	S	L	NS	NS	NS	S		
		27140-08-5				40	L	L					L		
		60				NS	L						NS		
		80													
		100													

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
293	Phenylhydrazine hydrochloride (subl.) (cont'd)	59-88-1	240		97	20	S	S	L	NS	NS	NS	S	
						40	L	L		NS			L	
						60	NS	NS		NS			NS	
						80								
						100								
294	Phosphine	7803-51-2	-134	-88	tg-g	20	L	L	L	L	NS	NS	S	
						40	L	L		L			L	
						60	L	L		L			L	
						80								
						100								
295	Phosphoric acid	7664-38-2	42		Up to 50	20	S	S	S	S	S	S	S	L
						40	S	S	S	S	S	S	S	L
						60	S	S	S	S	S		S	NS
						80		S			L			
						100		S						
						20	S	S	S	S	S	S	S	NS
						40	S	S	L	S	S	S	S	NS
						60	S	S	L	S	S		S	NS
						80		S			S			
						100		S						
					20	S	S	S	S	S	L	S	NS	
					40	S	S	L	S	S	L		NS	
					60	L	S	L	S	S			NS	
					80		S			S				
					100		S							
					20	S	S	S	S	S	L	S	NS	
					40	S	S	L	S	S	L		NS	
					60	L	S						NS	
					80		S			S				
					100		S							
296	Phosphorus (III) chloride	10026-13-8	-92	75	tg-l	20	S	L	L	NS	NS	NS	S	
						40	S			NS			S	
						60	L			NS				
						80								
						100								
297	Phosphorus oxychloride	10025-87-3	1	105	tg-l	20	S	L	L	NS	L	NS	S	
						40	S	L		NS	L		S	
						60	L	L		NS			L	
						80								
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U					
298	Phthalic acid	88-99-3	208		Susp.	20	S	S	S	L	NS	L	S						
						40	S	S	S	L	NS	L	S						
						60	S	S	L	L	NS		S						
						80		L											
						100													
299	Picric acid (subl.)	88-89-1	122		Sat. sol.	20	S	S	S	L	L	NS	S	L					
						40	S	S	S	L	L		S	NS					
						60	L	L	L	L	L		S						
						80													
						100													
										10	20	S	S				S		
											40								
											60								
											80								
											100								
300	Potassium aluminium sulphate (see 21)																		
301	Potassium bicarbonate	7778-50-9			Sat. sol.	20	S	S	S	S	S	S	S						
						40	S	S	S	S	S	S	S						
						60	S	S	S	S	S		S						
						80													
						100													
302	Potassium bichromate (see 314)																		
303	Potassium bisulphate	7646-93-7			Sat. sol.	20	S	S	S	S	S	S	S						
						40	S	S	S	S	S	S	S						
						60	S	S	S	S	S		S						
						80													
						100													
304	Potassium borate	12712-38-8			Sat. sol.	20	S	S	S	S	S	S	S						
						40	S	S	S	S	S	S	S						
						60	S	S	S	L	S		S						
						80													
						100													
305	Potassium bromate	7758-01-2			Sat. sol.	20	S	S	L	S	S	L	S						
						40	S	S		S	S	L	S						
						60	S	S		L	S		S						
						80		L											
						100		L											

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
305	Potassium bromate (cont'd)	7758-01-2			Up to 10	20	S	S	L	S	S	L	S	
						40	S	S			S	L	S	
						60	S	S			S		S	
						80								
						100								
306	Potassium bromide	7758-02-3			Sat. sol.	20	S	S	S	S	S	S	S	S
						40	S	S	S	S	S	S	S	S
						60	S	S	S	L	S		S	
						80								
						100								
307	Potassium carbonate	584-08-7			Sat. sol.	20	S	S	S	S	S	S	S	S
						40	S	S	S	S	S	S	S	L
						60	S	S	S	S	S		S	NS
						80								
						100								
308	Potassium chlorate	3811-04-9			Sat. sol.	20	S	S	S	S	S	L	S	
						40	S	S	S	S	S	L	S	
						60	L	L	L	L	S		S	
						80								
						100								
309	Potassium chloride	7447-40-7			Sat. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S		S	
						80								
						100								
310	Potassium chlorite	14314-27-3			Sat. sol.	20	S	S	S				S	
						40	S	S	S				S	
						60	S	S	S				S	
						80								
						100								
311	Potassium chromate	7789-00-6			Sat. sol.	20	S	S	S	S	L	L	S	
						40	S	S	S	S	L	L	S	
						60	L	L	L	S	L		S	
						80								
						100								
						40	S	S	S	S	L	L	S	
						40	S	S	S	S	L		S	
						60	L	L	L	S	L		S	
						80								
100														

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U	
312	Potassium cuprocyanide	13682-73-0			Sat. sol.	20	S	S	S	S	S	S	S		
						40	S	S	S	S	S		S		
						60	S	S	S	S	S		S		
						80									
						100									
313	Potassium cyanide	151-50-8			Sol.	20	S	S	S	S	S	S	S		
						40	S	S	S	S	S	S	S		
						60	S	S	S	S	S		S		
						80									
						100									
314	Potassium dichromate	7778-50-9			Sat. sol.	20	S	S	S	S	S	L	S		
						40	S	S	S	S	S	L	S		
						60	L	L	L	L	S		S		
						80									
						100									
						40	S	S	S	S	S	L	S		
						40	S	S	S	S	S		S		
						60	S	S	S	S	S		S		
						80									
						100									
315	Potassium ferricyanide	13746-66-2			Sat. sol.	20	S	S	S	S	S	S	S		
						40	S	S	S	S	S	S	S		
						60	S	S	S	S	S		S		
						80									
						100									
316	Potassium fluoride	7789-23-3			Sat. sol.	20	S	S	S	S	S	S	S		
						40	S	S	S	S	S	S	S		
						60	S	S	S	S	S		S		
						80									
						100									
317	Potassium hexacyanoferrate (II) (potassium ferrocyanide)	14459-95-1			Sat. sol.	20	S	S	S	S	S	S	S		
						40	S	S	S	S	S	S	S		
		13943-58-3				60	S	S	S	S	S		S		
						80									
						100									
318	Potassium hexacyanoferrate (III) (see 315)														

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
319	Potassium hydrogen carbonate (see 301)													
320	Potassium hydrogen sulphate (see 303)													
321	Potassium hydrogen sulphite	7773-03-7			Sol.	20	S	S	S	S	S	NS	S	
						40	S	S	S	S	S		S	
						60	S	S	L	S	S		S	
						80								
						100								
					Sat. sol.	20	S	S	S	S	S	NS	S	
						40	S	S	S	S	S		S	
						60	S	S	L	S	S		S	
						80								
						100								
322	Potassium hydroxide	26288-25-5			up to 10	20	S	S	S	S	L	L	S	S
						40	S	S	S	S	L	L	S	S
						60	S	S	S	S	L		S	S
						80		S			L			
						100		S						
					20	20	S	S	S	S	L	L	S	S
						40	S	S	S	S	L	L	S	S
						60	S	S	S	S	L		S	S
						80		S			L			
						100		L						
					Up to 50	20	S	L	L	S	L	L	S	S
						40	S	L	NS	S	L	L	S	L
						60	S	L		L	L		S	L
						80		L			L			NS
						100		L						
323	Potassium hypochlorite	7778-66-7			Sol.	20	L	L	NS	S	L	NS	S	NS
						40	L			S	L		L	
						60	NS			L	L			
						80								
						100								
324	Potassium iodide	7681-11-0			Sat. sol.	20	S	S		S	S	S	S	S
						40	S	S		S	S	S	S	S
						60	S	S		S	S		S	S
						80					S			
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U	
325	Potassium nitrate	7757-79-1			Sat. sol.	20	S	S	S	S	S	L	S	S	
						40	S	S	S	S	S	L	S	S	
						60	S	L	L	S	S		S	S	
						80				S					
						100									
						50	20	S	S				S	S	
						40	S	S					S	L	
						60	S	S					S	NS	
						80									
						100									
326	Potassium orthophosphate	7778-77-0			Sat. sol.	20	S	S	S	S	S	S	S		
						40	S	S	S	S	S	S	S		
						60	S	S	S	S	S		S		
						80		L							
						100									
327	Potassium perborate	13769-41-0			Sat. sol.	20	S	S	S	S	S	S	S		
						40	S	S	S	S	S	S	S		
						60	S	S	S	S	S		S		
						80									
						100									
328	Potassium perchlorate	7778-74-7			Sat. sol.	20	L	L	L	S	S	NS	S		
						40	L	L		S	S		S		
						60	L	L		L	S		L		
						80		L			S				
						100									
						10	20	S	S	S	S	S	NS	S	
						40	S	S	S	S	S		S		
						60	L	L	L	S	S		L		
						80									
						100									
329	Potassium permanganate	7722-64-7			Sat. sol.	20	L	L	NS	S	S	NS	NS		
						40	L	L		S	S				
						60	NS	L		L	L				
						80									
						100									
						10	20	S	S	L	S	S	NS	S	NS
						40	L	L	L	S	S		S	NS	
						60	L		L	S	S		L	NS	
						80					S				
						100									

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
329	Potassium permanganate (cont'd)	7722-64-7			20	20	L	L	L	S	S	NS	S	
						40	L	L	L	S	S		S	
						60	L			S	S		L	
						80								
						100								
					25	20	L	L	NS	S	S	NS	S	
						40	L			S	S		S	
						60				S	S			
						80								
						100								
330	Potassium persulphate	7727-21-1			Sat. sol.	20	S	S	S	S	S	S	S	S
						40	S	S	S	S	S	S	S	S
						60	S	S	L	L	L		S	S
						80		L						S
						100								
331	Potassium sulphate	7778-80-5			Sat. sol.	20	S	S	S	S	S	S	S	S
						40	S	S	S	S	S	S	S	S
						60	S	S	S	S	S		S	S
						80								S
						100								
332	Potassium sulphide	1312-73-8			Sat. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S		S	
						80								
						100								
333	Potassium sulphite	10117-38-1			Sat. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S		S	
						80								
						100								
334	Potassium thiosulphate	10294-66-3			Sat. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S		S	
						80								
						100								
335	Propane, gas	74-98-6	-190	-45	tg-g	20	S	S	S	S	L	L	S	S
						40	S	L	L	L	L	L	S	S
						60	L	L					L	S
						80								
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U						
336	Propionic acid	79-09-4	-20	141	50	20	S	S	S	L	NS	NS	S	NS						
						40	S	S	L	L	NS		S							
						60	S	L	L	L	NS		S							
						80		L												
						100														
					tg-l	20	S	L	L	L	NS	NS	S							
						40	L	L	L	L	NS		L							
						60	L	L			NS		L							
						80														
						100														
337	Propyl alcohol	71-23-8	-126	97	tg-l	20	S	S	S	S	L	NS	S	L						
						40	S	S	S	L			S							
						60	S	S	S	L			S							
						80		L												
						100														
					tg-g	100														
						338	Pyridine	110-86-1	-42	115	tg-l	20	S	L	L	NS	NS	NS	S	L
						40	L	L		NS	NS		L	NS						
						60	L	L		NS	NS		L							
						80														
100																				
339	Salicylic acid (subl.)	69-72-7	156		Sat. sol.	20	S	S	S	S	L	L	S	S						
						40	S	S	L	L	L		S							
						60	S	S		L	L		S							
						80														
						100														
340	Selenic acid	7783-08-6	25		Sat. sol.	20	S	S	S	S	S		S							
						40	S	S	S	S	S		S							
						60	S	S	S		S		S							
						80														
						100														
341	Silicic acid	7699-41-4			Susp.	20	S	S	S	S	S		S							
						40	S	S	S	S	S		S							
						60	S	S	S	S	S		S							
						80														
						100														
342	Silicone oil				tg-l	20	S	S		S	S	S	S	S						
						40	S	S		L	S		S							
						60	S	S		L	S		S							
						80		S												
						100		S												

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
343	Silver acetate	563-63-3			Sat. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S		S		S	
						60	S	S	S		S		S	
						80		S						
						100		S						
344	Silver cyanide	506-64-9			Sat. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S		S	
						60	S	S	S	S	S		S	
						80		S			S			
						100								
345	Silver nitrate	7761-88-8			Sat. sol.	20	S	S	L	S	S	NS	S	
						40	S	S	NS	L	S		S	
						60	S	S	NS	L	S		S	
						80		L			S			
						100		L						
					50	20	S	S			S	NS	S	
						40	S	S			S		S	
						60	S	S			S		S	
						80		L			S			
						100		L						
346	Sodium acetate	127-09-3			Sat. sol.	20	S	S	S	S	S	S	S	
		6131-90-4				40	S	S	S	S	S	S	S	
						60	S	S	S	S	S		S	
						80		S			S			
						100		S						
347	Sodium acid sulphate (see 352)													
348	Sodium antimonite	15432-85-6			Sat. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S		S	
						80								
						100								
349	Sodium arsenite	7784-46-5			Sat. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S		S	
						80		S						
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U				
350	Sodium benzoate	532-32-1			Sat. sol.	20	S	S	S	S	S	L	S					
						40	S	S	S	S	S		S					
						60	S	L	L	L	S		S					
						80		L										
						100												
					35	20	S	S	S	S	S	L	S					
						40	S	S	S	S	S		S					
						60	S	L	L	L	S		S					
						80												
						100												
					50	20	S	S	S	S	S	L	S					
						40	S	S	S	S	S		S					
						60	S	L	L	L	S		S					
						80												
						100												
351	Sodium bicarbonate	144-55-8			Sat. sol.	20	S	S	S	S	S	S	S	S				
						40	S	S	S	S	S	S	S	L				
						60	S	S	S	S	S		S	L				
						80		S		S								
						100		S										
352	Sodium bisulphate	7681-38-1			Sat. sol.	20	S	S	S	S	S	S	S					
						40	S	S	S	S	S	L	S					
						60	S	S	S	L	S		S					
						80		L		S								
						100												
		50			20	S	S	S	S	S	S	S	S					
					40	S	S	S	S	S	L	S						
					60	S	S	S	L	S		S						
					80													
					100													
		353			Sodium bromide	7647-15-6			Sat. sol.	20	S	S	S	S	S	S	S	
										40	S	S	S	S	S	L	S	
										60	S	S	S	L	S		S	
										80		S		S				
										100								
50	20	S	S	S	S	S	S	S	S									
	40	S	S	S	S	S	L	S										
	60	S	S	S	L	S		S										
	80																	
	100																	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U		
354	Sodium carbonate	497-19-8			Sat. sol.	20	S	S	S	S	S	S	S	S		
						40	S	S	S	S	S	S	S	L		
						60	S	S	S	S	S		S	NS		
						80		S			S					
						100		L								
				25			20	S	S	S	S	S	S	S	S	
					40	S	S	S	S	S	S	S	L			
					60	S	S	S	S	S		S	L			
					80		S			S						
					100		L									
				Up to 50			20	S	S	S	S	S	S	S	S	
					40	S	S	S	S	S	S	S	L			
					60	S	S	S	S	S		S	NS			
					80		S			S						
					100		L									
355	Sodium chlorate	7775-09-9			Sat. sol.	20	S	S	S	S	S	L	S			
						40	L	L	L	S	S	L	S			
						60	L	L	L	L	S		S			
						80		L			S					
						100										
356	Sodium chloride	7647-14-5			Sat. sol.	20	S	S	S	S	S	S	S	S		
						40	S	S	S	S	S	S	S			
						60	S	S	S	S	S		S			
						80		S			S		S			
						100		S								
						10			20	S	S	S	S	S	S	S
							40	S	S	S	S	S	S			
							60	S	S	S	S	S		S		
							80		S			S				
							100		S							
357	Sodium chlorite	7758-19-2			2	20	S	S	S	S	S	L	S	NS		
						40	L	L	L	S	S		L			
						60	NS	L		S	S		NS			
						80		NS								
						100		NS								
						20			20	S	S	L	L	S	L	S
							40	L	L		L	L		L		
							60	NS	L		L			NS		
							80		NS							
							100		NS							

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
358	Sodium chromate	7775-11-3			Dil. sol.	20	S	S	S	S	S	L	S	
						40	S	S	S	S	S	L	S	
						60	S	S	S	L	S		S	
						80					S			
						100								
359	Sodium cyanide	143-33-9			Sat. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S		S	
						60	S	S	S	S	S		S	
						80		L			S			
						100								
360	Sodium dichromate	10588-01-9			Sat. sol.	20	S	S	S	S	S	L	S	
						40	L	L	L	S	S		S	
						60	L	L	L	S	S		S	
						80		L			S			
						100		L						
361	Sodium ferricyanide	14217-21-1			Sat. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S		S	
						60	S	S	S	L	S		S	
						80					L			
						100								
362	Sodium ferrocyanide	13601-19-9			Sat. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S		S	
						60	S	S	S	S	S		S	
						80								
						100								
363	Sodium fluoride	7681-49-4			Sat. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S		S	
						80		S			S			
						100		S						
364	Sodium hexacyanoferrate (II) (see 362)													
365	Sodium hexacyanoferrate (III) (see 361)													
366	Sodium hydrogen carbonate (see 351)													
367	Sodium hydrogen sulphate (see 352)													

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U		
368	Sodium hydrogen sulphite	7631-90-5			Sat. sol.	20	S	S	S	S	S	L	S			
						40	S	S	S	S	S		S			
						60	S	S	S	S	S		S			
						80										
						100										
369	Sodium hydroxide	1310-73-2			Dil. Sol.	20	S	S	S	S	S	L	S			
						40	S	S	S	S	L	L	S			
						60	S	S	S	S	L		S			
						80		S			L					
						100		S								
						Sat. sol.	20	S	S	S	S	S	NS	S	L	
							40	S	L	L	S	L		S	L	
							60	S	L	L	S	L		S	L	
							80					L				
							100									
						1	20	S	S	S	S	S	S	S	S	S
							40	S	S	S	S	S	S	S	S	L
							60	S	S	S	S	S		S	L	
							80		S			S				
							100		S							
5	20	S	S	S	S	S	L	S	S							
	40	S	S	S	S	S		S	L							
	60	S	S	S	S	L		S	L							
	80		S													
	100		S													
10 to 60	20	S	S	S	S	S	L	S	S							
	40	S	L	L	S	L	L	S	L							
	60	S	L	L	S	L		S	NS							
	80		L			L										
	100															
370	Sodium hypochlorite	7681-52-9			2 % Cl (percentage of free chlorine)	20	L	L	NS	S	S		NS	NS		
						40	L	L		S	S					
						60										
						80										
						100										
		55248-17-4					12,5 % Cl (percentage of free chlorine)	20	L	L	NS	S	S	NS	NS	NS
								40	L	L		L	S	NS	NS	
								60								
								80								
								100								
64131-03-9						20	L	L	NS	S	S	NS	NS	NS		
						40	L	L		L	S	NS	NS			
						60										
						80										
						100										

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
371	Sodium metaphosphate	10124-56-8			Sol.	20	S	S	S	S	S	NS	S	
						40	S	S	S	S	S	NS	S	
						60	S	S	S	S	S		S	
						80								
						100								
372	Sodium nitrate	7631-99-4			Sat. sol.	20	S	S	S	S	S	L	S	L
						40	L	L	L	S	S	L	S	L
						60	L	L	L	S	S		S	L
						80					S			
						100								
373	Sodium nitrite	7631-99-4			Sat. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	L	S		S	
						80					L			
						100								
374	Sodium orthophosphate (see 377)													
375	Sodium perborate	15120-21-5			Sat. sol.	20	S	S	S	S	S	S	S	S
						40	S	S	S	S	S	S		
						60	S	S	L	S	S			
						80		S			S			
						100								
376	Sodium phosphate, acid				Sat. sol.	20	S	S	S	S	S	S	S	S
						40	S	S	S	S	S	S	S	S
						60	S	S	S	S	S		S	S
						80		S			S			S
						100		S						
377	Sodium phosphate, neutral	7601-54-9			Sat. sol.	20	S	S		S	S	S	S	S
		15819-50-8				40	S	S		S	S	S	S	S
		10101-89-0				60	S	S		L	S		S	S
						80		S			S		S	S
						100		S						S

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
378	Sodium silicate	1344-09-8			Sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	L	S		S	
						80					S			
						100								
					Sat. sol.	20	S	S	S		S	S	S	S
						40	S	S	S		S	S	S	
						60	S	S	S		S		S	
						80								
						100								
379	Sodium sulphate	7757-82-6			Sat. sol.	20	S	S	S	S	S	S	S	S
						40	S	S	S	S	S	S	S	L
						60	S	S	S	S	S		S	
						80		S						
						100		S						
					0,1	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S		S	
						80		S						
						100		S						
380	Sodium sulphide	1313-82-2			Sat. sol.	20	S	S	S	S	S		S	L
						40	S	S	S	S	S		S	L
						60	S	S	S	L	S		S	
						80					S			
						100								
381	Sodium sulphite	7757-83-7			Sat. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S		S	
						60	S	S	S	L	S		S	
						80					S			
						100								
					40	20	S	S	S	S	S	S	S	L
						40	S	S	S		S		S	
						60	S	S	S		S		S	
						80		S						
						100		S						

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
382	Sodium thiosulphate (hyposulphite)	7772-98-7			Sat. sol.	20	S	S	S	S	S	S	S	S
						40	S	S	S	S	S	S	S	L
						60	S	S	S	S	S		S	L
						80					S			
						100								
					50	20	S	S					S	
						40	S	S					S	
						60	S	S					S	
						80								
						100								
383	Soybean oil				Work. sol.	20	S	S			NS		S	S
						40	L	S					S	
						60	L	L					S	
						80								
						100								
384	Stearic acid	57-11-4	68	370	Work. sol.	20	S	S	S	L	L	NS	S	S
						40	L	L	L	L	L		L	S
						60	L	L	L	L	L		L	S
						80		L			L			L
						100								
385	Stearin	555-43-1			Work. sol.	20	S	S			L		S	S
						40	L	L			L		L	S
						60	L	L			L		L	S
						80					L			
						100								
386	Styrene	100-42-5	-31	145	Sat. sol.	20	L	L		NS	NS	NS	L	S
						40	NS	NS		NS	NS		NS	S
						60	NS	NS		NS	NS		NS	
						80					NS			
						100								
387	Sugar, aqueous sol				Sol.	20	S	S		S	S		S	S
						40	S	S		S	S		S	S
						60	S	S		S	S		S	S
						80		S						S
						100		S						
388	Sulphur dioxide, dry gas	7446-09-5	-73	-10	Work. sol.	20	S	S		S	S		S	L
						40	S	S		S	S		S	NS
						60	S	S		L	S		S	NS
						80								
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
389	Sulphur dioxide, wet gas	7446-09-5	-73	-10	Work. sol.	20	S	S	S	NS	S	NS	S	L
						40	S	S	L		S		S	
						60	L	S	L		S			
						80								
						100								
390	Sulphur ether (thioether)				Work. sol.	20	L	L			L	NS	L	S
						40	L	L			L		L	
						60	NS	NS			L		NS	
						80					L			
						100								
391	Sulphuric acid	7664-93-9			10	20	S	S	S	S	S	NS	S	L
						40	S	S	S	S	S	NS	S	L
						60	S	S	S	S	S		S	NS
						80		L			S			
						100		L						
					15	20	S	S	S	S	S	NS	S	L
						40	S	S	S	S	S	NS	S	L
						60	S	S	S	S	S		S	NS
						80		L			S			
						100								
					30	20	S	S	S	S	S	NS	S	L
						40	S	S	S	S	S	NS	S	
						60	S	S	S	S	S		S	
						80		L			S			
						100		NS						
					50	20	S	S	S	S	S	NS	S	NS
						40	S	S	S	S	S	NS	S	NS
						60	S	L	S	S	S		S	NS
						80		L			S			
						100		NS						
70	20	S	S	L	S	S	NS	S	NS					
	40	S	L	NS	L	S	NS	S	NS					
	60	L	L	NS	L	S		L	NS					
	80					S								
	100													
80	20	L	L		S	S	NS	L	NS					
	40	L	L		L	S	NS	L	NS					
	60	NS	NS		L	L		L	NS					
	80		NS			L		NS						
	100		NS											

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U	
391	Sulphuric acid (cont'd)	7664-93-9			90	20	L	L	L	L	S	NS	L	NS	
						40	L	L	NS	L	L	NS	L	NS	
						60	NS	NS	NS	L	L		NS	NS	
						80		NS			L		NS		
						100		NS							
					95	20	NS	NS	NS	L	S	NS	NS	NS	NS
						40	NS	NS	NS	NS	L	NS	NS	NS	
						60	NS	NS	NS	NS	L		NS	NS	
						80		NS			NS				
						100		NS							
					96	20	NS	NS	NS	L	L	NS	NS	NS	
						40	NS	NS	NS	NS	L	NS	NS	NS	
						60	NS	NS	NS	NS	NS		NS	NS	
						80		NS			NS				
						100		NS							
					98	20	NS	NS	NS	NS	L	NS	NS	NS	
						40	NS	NS	NS	NS	L	NS	NS	NS	
						60	NS	NS	NS	NS	NS			NS	
						80		NS			NS				
						100		NS							
Fuming	20	NS	NS	NS	NS	NS	NS	NS	NS	NS					
	40	NS	NS	NS	NS				NS	NS					
	60	NS	NS	NS	NS					NS					
	80		NS												
	100		NS												
392	Sulphurous acid	7782-99-2			Sat. sol.	20	S	S	S	S	S		S	NS	
						40	S	S	S	S	S		S		
						60	L	L	L	L	L		S		
						80		L			L				
						100		L							
					Up to 30	20	S	S	S	S	S	L	S	L	
						40	S	S	S	S	S	L	S		
						60	L	L	L	S	S		S		
						80									
						100									

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
393	Tannic acid	1401-55-4			Sol.	20	S	S	S	S	S	L	S	S
						40	L	L	L	L	L	L	S	
						60	L	L	L	L	L		L	
						80								
						100								
						Sat. sol.	20	S	S	S	S	S	NS	S
						40	L	L	L	L		S	S	
						60	L	L	L	L		L	S	
						80							L	
						100								
394	Tartaric acid (dec.)	133-37-9	170		Sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	L	S		S	
						80		S			S			
						100		L					S	
						Sat. sol.	20	S	S	S	S	S	S	S
						40	S	S	S	S	S	S		
						60	S	S	S	S		S	S	
						80		S		S		S	L	
						100		S						
395	Tetrahydrofuran	109-99-9		66	tg-l	20	L	NS	L	NS	NS	NS	NS	S
						40	NS	NS	NS	NS	NS	NS	NS	L
						60	NS	NS	NS	NS	NS		NS	L
						tg-g	80		NS		NS			
						100		NS						
396	Tetralin	119-64-2	-35	207	tg-l	20	S	NS				NS	NS	S
						40	L	NS					NS	
						60	NS	NS					NS	
						80		NS						
						100		NS						
397	Thionyl chloride	7719-09-7	-105	79	tg-l	20	NS	NS	NS	NS	NS	NS	NS	NS
						40	NS	NS	NS	NS			NS	
						60	NS	NS	NS	NS			NS	
						tg-g	80		NS					
						100		NS						
398	Thiophene	110-02-1	-38	84	tg-l	20	L	L		NS	NS		L	
						40	L	L		NS	NS		L	
						60	L	L		NS	NS		NS	
						80								
						tg-g	100							

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
399	Tin (II) chloride	10025-69-1	247	652	Sat. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S	S	S	
						80								
						100								
400	Tin (IV) chloride	7646-78-8	-33	113	Sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S	S	S	
						80								
						100								
401	Toluene	108-88-3	-95	111	tg-l	20	L	L	NS	NS	NS	NS	L	S
						40	NS	NS	NS	NS	NS	NS	L	L
						60	NS	NS	NS	NS	NS	NS	L	L
						80								
						100								
402	Tributyl-phosphate	126-73-8	-79	293	Sat. sol.	20	S	S		NS	NS	NS	S	S
						40	S	S		NS	NS		L	S
						60	S	L		NS	NS		L	S
						80					NS			L
						100								
403	Trichloroacetic acid	76-03-9	58	197	Up to 50	20	S	S		L	L		S	
						40	S	S		L	NS		S	
						60	S	S		NS	NS		S	
						80								
						100								
404	Trichloro-benzene	87-61-6	53	219	Work. sol.	20	NS	NS	NS	NS	NS	NS	NS	
		120-82-1				40	NS	NS	NS	NS	NS	NS	NS	
		108-70-3				60	NS	NS	NS	NS	NS	NS	NS	
		12002-48-1				80								
						100								
405	Trichloro-ethylene	79-01-6	-85	87	tg-l	20	NS	L	NS	NS	NS	NS	L	L
						40	NS	L	NS	NS	NS	NS	L	NS
						60	NS	L	NS	NS	NS	NS	NS	
						80			NS					
							tg-g	100		NS				

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
406	Triethanolamine	102-71-6	18	190	Sol.	20	S	S	S	NS	NS	L	S	S
				(5 mm)		40	S	S				L		
						60	L	S						
						80								
						100								
					tg-l	20	S	S	L	L	L	NS	S	
						40	S	S	L	NS				
						60	L	L	L	NS				
						80								
						100								
407	Triethylene glycol	112-27-6	-7	280	Sol.	20	S	S	S	L	L	L	S	
						40	S	S	L				S	
						60	S	S					S	
						80								
						100								
408	Trimethylolpropane	77-99-6	58		Up to 10	20	S	S	S	S	S	NS	S	
						40	S	S	L	L	L		S	
						60	S	S	L	L	L		L	
						80								
						100								
409	Trisodium phosphate (see 377)													
410	Turpentine				tg-l	20	L	L	NS	L	NS	NS	L	S
						40	L	L	NS	L	NS	NS	L	S
						60	NS	NS	NS	L	NS	NS	L	
						80		NS						
						100								
411	Urea	57-13-6	133		Sol.	20	S	S	S	S	NS	L	S	S
						40	S	S	S	S	NS	L	S	S
						60	S	S	S	L	NS		S	S
						80		S			NS			
						100		S						
					Sat. sol.	20	S	S	S	S	NS	L	S	L
						40	S	S	S	S	NS	L	S	L
						60	S	S	S	L	NS		S	L
						80		S						
						100		S						
					10	20	S	S	S	S	NS	L	S	S
						40	S	S	S	S	NS	L	S	S
						60	S	S	S	L	NS		S	S
						80		S			NS			
						100		S						

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
412	Uric acid (dec. at > 400°C)	69-93-2			Work. sol.	20	S	S	S	S	L	L	S	
						40	S	S	S	L	L		S	
						60	S	S	S	L	L		S	
						80								
						100								
413	Urine				Work. sol.	20	S	S	S	S	S	S	S	S
						40	S	S	S	S	S	S	S	S
						60	S	S	S	L	S		S	S
						80					S			L
						100								
414	Vegetable oils				tg-l	20	S	S	L	S	NS	NS	S	
						40	S	S	L	L	NS		S	
						60	L	L		L	NS		S	
						80								
						100								
415	Vinegar				Work. sol.	20	S	S	S	S	S	L	S	S
						40	S	S	L	L	L		S	S
						60	S	S	L	L	L		S	S
						80		S			L			S
						100		S						
416	Vinyl acetate (monomer)	108-05-4	-93	73	tg-l	20	S	S		NS	NS	NS	S	
						40	S	L		NS	NS	NS	S	
						60	L	L		NS	NS		S	
					tg-g	80								
						100								
417	Water	7732-18-5			Work. sol.	20	S	S	S	S	S	S	S	S
						40	S	S	S	S	S	S	S	S
						60	S	S	S	S	S		S	S
						80	S	S			S			S
						100		S						
418	Water, brackish	7732-18-5			Work. sol.	20	S	S	S	S	S	S	S	S
						40	S	S	S	S	S	S	S	S
						60	S	S	S	S	S		S	S
						80	S	S			S			S
						100		S						
419	Water, distilled	7732-18-5			Work. sol.	20	S	S	S	S	S	S	S	S
						40	S	S	S	S	S	S	S	S
						60	S	S	S	S	S		S	S
						80	S	S			S			S
						100		S						

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
420	Water, fresh	7732-18-5			Work. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S		S	
						80	S	S			S			
						100		S						
421	Water, mineral	7732-18-5			Work. sol.	20	S	S	S	S	S	S	S	S
						40	S	S	S	S	S	S	S	S
						60	S	S	S	S	S		S	S
						80		S			S			S
						100		S						
422	Water, potable	7732-18-5			Work. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S		S	
						80	S	S			S			
						100		S						
423	Water, sea	7732-18-5			Work. sol.	20	S	S	S	S	S	S	S	S
						40	S	S	S	S	S	S	S	S
						60	S	S	S	S	S		S	S
						80		S			S			S
						100		S						
424	Whiskey				Work. sol.	20	S	S	S	S	S	S	S	S
						40	S	S	S	S	S	S	S	
						60	S	L	S	L	S		S	
						80								
						100								
425	Wine				Work. sol.	20	S	S	S	S	S	S	S	S
						40	S	S	S	S	S	S	S	L
						60	S	S	S	S	S		S	L
						80								
						100								
426	Wines and spirits				Work. sol.	20	S	S	S	S	S	L	S	
						40	S	S	S	S	L	L	S	
						60	S	S	S	L	L		S	
						80								
						100								
427	Xylene	95-47-6	-53 to 13	138 to 144	tg-l	20	L	L	NS	NS	NS	NS	L	S
		108-38-3				40	NS	NS	NS	NS	NS	NS	NS	L
		106-42-3				60	NS	NS	NS	NS	NS		NS	L
		1330-20-7				80								L
						100								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
428	Yeast				Susp.	20	S	S		S	S		S	
						40	S			L	S		S	
						60	S			L			S	
						80								
						100								
429	Zinc carbonate	3486-35-9			Sat. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S	S	S	
						80								
						100								
430	Zinc chloride	7646-85-7			Sat. sol.	20	S	S	S	S	S	S	S	S
						40	S	S	S	S	S	S	S	S
						60	S	S	S	S	S		S	L
						80								NS
						100								
					58	20	S	S	S	S	S	S	S	L
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S		S	
						80		S			S			
						100								
431	Zinc chromate	13530-65-9			Sat. sol.	20	L	L	L	S	S	NS	S	
						40	L	L	L	S	S		S	
						60	L	L	L	S	S		L	
						80								
						100								
432	Zinc cyanide	557-21-1			Sat. sol.	20	S	S	S	S	S		S	
						40	S	S	S	S	S		S	
						60	S	S	S	S	S		S	
						80								
						100								
433	Zinc nitrate	7779-88-6			Sat. sol.	20	L	L	L	S	S	L	S	
		19154-63-3				40	L	L	L	S	S	L	S	
		10196-18-6				60	L	L	L	S	S		L	
						80		L			S			
						100								
434	Zinc oxide	1314-13-2			Susp.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S		S	
						80		S						
						100		S						

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PE	PP	PB	PVC-U	PVC-C	ABS	PE-X	PA-U
435	Zinc stearate	557-05-1	125		Susp.	20	S	S		L	L	L	S	
						40	S	S		L	L	L	S	
						60	S	S			L		S	
						80		S						
						100		S						
436	Zinc sulphate	7733-02-0			Sat. sol.	20	S	S	S	S	S	S	S	
						40	S	S	S	S	S	S	S	
						60	S	S	S	S	S		S	
						80		S			S		S	
						100								

Table 2 — Chemical-resistance classification data of thermoplastics materials with higher thermal rating

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS		
1	Acetaldehyde	75-07-0	-123	21	40	20	NS	NS	S	S	S			
						40	NS		S	S	S			
						60	NS		L	S	S			
						80	NS		NS	S	S			
						100	NS		NS	S	S			
						120	NS		NS	S	S			
						140				S	S			
						180				S	S			
						200				S	S			
							tg-l	20	NS	NS	S	S	S	
							tg-g	40	NS		S	S	S	
								60	NS		L	S	S	
								80	NS		NS	S	S	
								100	NS		NS	S	S	
								120	NS		NS	S	S	
								140				S	S	
								180				S	S	
		200				S	S							
2	Acetamide	60-35-5	82	221	5	20	S		S	S	S			
						40	S		S	S	S			
						60	L		L	S	S			
						80	L		L	S	S			
						100			NS	S	S			
						120			NS	S	S			
						140				S	S			
						180				S	S			
		200			S	S								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS	
3	Acetic acid	64-19-7	17	118	Up to 10	20	S	S	S	S	S		
						40	S	S	S	S	S		
						60	S	S	S	S	S		
						80	S	S	S	S	S		
						100	S	S	S	S	S		
						120	L	L	S	S	S		
						140				S	S		
						180				S	S		
						200				S	S		
						10 to 40	20	S	S	S	S	S	
							40	S	S	S	S	S	
							60	S	S	S	S	S	
					80		L	L	S	S	S		
					100		L	L	S	S	S		
					120		L	L	S	S	S		
					140					S	S		
					180					S	S		
					200					S	S		
					50		20	S	S	S	S	S	
							40	S	S	S	S	S	
							60	L	S	S	S	S	
						80	NS	L	S	S	S		
						100	NS	L	S	S	S		
						120	NS	L	S	S	S		
140				S		S							
180				S		S							
200				S		S							
60	20	S	S	S		S	S						
	40	S	S	S		S	S						
	60	L	S	S		S	S						
	80	NS	L	S	S	S							
	100	NS	L	S	S	S							
	120	NS	L	S	S	S							
	140				S	S							
	180				S	S							
	200				S	S							
	80	20	S	S	S	S	S						
		40	L	S	S	S	S						
		60	L	S	S	S	S						
80		NS	L	S	S	S							
100		NS	L	S	S	S							
120		NS	L	S	S	S							
140					S	S							
180					S	S							
200					S	S							

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS	
3	Acetic acid (cont'd)	64-19-7	17	118	95	20	L	S	S	S	S		
						40	L	L	S	S	S		
						60	L	L	L	S	S		
						80	NS	L	L	S	S		
						100	NS	L	L	S	S		
						120	NS	L	L	S	S		
						140				S	S		
						180				S	S		
						200				S	S		
							Acetic acid, glacial				> 96	20	L
40	L	L	S	S	S								
60	L	L	L	S	S								
80	NS	L	L	S	S								
100	NS	L	L	S	S								
120	NS	L	L	S	S								
140				S	S								
180				S	S								
200				S	S								
4	Acetic anhydride	108-24-7	-73	140	tg-l							20	NS
						40	NS	NS	S	S	S		
						60	NS	NS	S	S	S		
						80	NS	NS	S	S	S		
						100	NS			S	S		
						120	NS			S	S		
						140				S	S		
						180				tg-g	S	S	
						200					S	S	
						5	Acetone	67-64-1	-95	56	Up to 10	20	S
40	S		S	S	S							S	
60	L		L	S	S							S	
80	L		L	S	S								
100	L		L	S	S								
120	NS		NS	S	S								
140				S	S								
180				S	S								
200				S	S								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
5	Acetone (cont'd)	67-64-1	-95	56	tg-l	20	NS	NS	S	S	S	
						40	NS		S	S	S	
						60	NS		L	S	S	
												80
						100	NS		NS	S	S	
						120	NS		NS	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
6	Acetophenone	98-86-2	20	202	tg-l	20	L	NS	S	S	S	
						40	L		S	S	S	
						60	NS		NS	S	S	
						80	NS		NS	S	S	
						100	NS		NS	S	S	
						120	NS		NS	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
7	Acetyl chloride	75-36-5	-112	51	tg-l	20	L		S	S	S	
						40	L		S	S	S	
						60	L		L	S	S	
												80
						100	NS			S	S	
						120	NS			S	S	
						140				S	S	
						180				S	S	
						200				S	S	
8	Acetylene, gas	74-86-2	-84		tg-g	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
9	Acrylonitrile	107-13-1	-82	77	tg-l	20	L	NS	S	S	S	
						40	NS		S	S	S	
						60	NS		L	S	S	
						80	NS			S	S	
												100
						120	NS			S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
10	Adipic acid	124-04-9	151	265	Sat. sol. (1,4%)	20	S	NS	S	S	S	
				(100 mm)		40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	L		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
11	Air	132259-10-0	-213	193	tg-g	20	S		S	S	S	
		ZVG nr. 80000				40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
						250				S	S	
						140				S	S	
						180				S	S	
						200				S	S	
12	Allyl alcohol	107-18-6	-129	97	tg-l	20	L	L	S	S	S	
						40	L	L	S	S	S	
						60	L		S	S	S	
						80	L		L	S	S	
					tg-g	100	L			S	S	
						120	L			S	S	
						140				S	S	
						180				S	S	
						200				S	S	
13	Allyl chloride	107-05-1	-136	45	Sat. sol.	20	S		S	S	S	
						40	L		S	S	S	
						60	L		S	S	S	
						80	L		S	S	S	
						100	L		S	S	S	
						120			S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
14	Almond oil				tg-l	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
15	Alum (see 21)											
16	Aluminium chloride	7446-70-0			Sat. sol.	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100	S	S	S	S	S	
						120	S	L	S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
17	Aluminium fluoride	7784-18-1			Susp.	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100	S	S	S	S	S	
						120	S	L	S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
18	Aluminium hydroxide	21645-51-2			Susp.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
19	Aluminium nitrate	13473-90-0			Sat. sol.	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100	L	S	S	S	S	
						120	L	L	S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
20	Aluminium chloride oxyde	13596-11-7			Susp.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	L		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
21	Aluminium potassium sulphate	10043-67-1	92,5		Sat. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
22	Aluminium sulphate	10043-01-3			Sat. sol.	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100	S	S	S	S	S	
						120	L	L	S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
23	Ammonia, aqueous	1336-21-6			Sat. sol.	20	NS		S	S	S	
						40	NS		S	S	S	
						60	NS		S	S	S	
						80	NS		S	S	S	
						100	NS		S	S	S	
						120	NS		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
24	Ammonia, dry gas	7664-41-7	-78	-34	tg-g	20	L	NS	S	S	S	
						40	L		S	S	S	
						60	L		S	S	S	
						80	L		S	S	S	
						100	L		S	S	S	
						120	NS		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
25	Ammonia, wet gas	7664-41-7	-78	-34	tg-g	20	L	L	S	S	S	
						40	L	L	S	S	S	
						60	L	L	S	S	S	
						80	L	L	S	S	S	
						100	L		S	S	S	
						120	NS		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
26	Ammonium acetate	631-61-8	114		Sat. sol.	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S		S	S	
						100	S			S	S	
						120	S			S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
27	Ammonium bifluoride	1341-49-7	125		Sat. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
28	Ammonium carbonate	506-87-6			Sat. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
29	Ammonium chloride	12125-02-9			Sat. sol.	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
30	Ammonium fluoride	12125-01-8			Up to 20	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	L		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS						
30	Ammonium fluoride (cont'd)	12125-01-8			25	20	S		S	S	S							
						40	S		S	S	S							
						60	S		S	S	S							
						80	S		S	S	S							
						100	L		S	S	S							
						120	L		S	S	S							
						140				S	S							
						180				S	S							
						200				S	S							
						Sat. sol.	20	S		S	S	S						
							40	S		S	S	S						
							60	S		S	S	S						
							80	L		S	S	S						
							100	L		S	S	S						
							120	L		S	S	S						
							140				S	S						
							180				S	S						
							200				S	S						
						31	Ammonium hydrogen carbonate	1066-33-7			Sat. sol.	20	S		S	S	S	
												40	S		S	S	S	
60	S		S	S	S													
80	S		S	S	S													
100	S		S	S	S													
120	S		S	S	S													
140				S	S													
180				S	S													
200				S	S													
32	Ammonium metaphosphate	13446-46-3			Sat. sol.							20	S		S	S	S	
						40	S		S	S	S							
						60	S		S	S	S							
						80	S		S	S	S							
						100	S		S	S	S							
						120	L		S	S	S							
						140				S	S							
						180				S	S							
						200				S	S							

ISO/TR 10358:2021(E)

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
33	Ammonium molybdate	13106-76-8				20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
34	Ammonium nitrate	6484-52-2	170		Sat. sol.	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
35	Ammonium persulphate	7727-54-0			Sat. sol.	20	S	S	S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		L	S	S	
						100	S			S	S	
						120	S			S	S	
						140				S	S	
						180				S	S	
						200				S	S	
36	Ammonium phosphate	7722-76-1	190		Sat. sol.	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
37	Ammonium sulphate	7783-20-2			Sat. sol.	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
38	Ammonium sulphide	12135-76-1			Sat. sol.	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
39	Ammonium thiocyanate	1762-95-4	149		Sat. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
40	Amyl acetate	628-63-7	-71	149	tg-l	20	S	NS	S	S	S	
						40	L		S	S	S	
						60	L		S	S	S	
						80	NS		L	S	S	
						100			NS	S	S	
					120			NS	S	S		
					140				S	S		
					180				S	S		
					200				S	S		
				tg-g	180				S	S		
					200				S	S		

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
41	Amyl alcohol	71-41-0	-78	138	tg-l	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100	S	S	S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
						42	Amyl chloride	543-59-9	-99	108	tg-l	20
40	S		S	S	S							
60	S		S	S	S							
80	L		S	S	S							
100	L		S	S	S							
120	NS		S	S	S							
140				S	S							
180				S	S							
200				S	S							
43	Aniline	62-53-3	-6	184	Sat. sol.							20
						40	L		L	S	S	
						60	L		L	S	S	
						80	NS		L	S	S	
						100			NS	S	S	
						120			NS	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
						20	L	NS	S	S	S	
						40	L		L	S	S	
						60	L		L	S	S	
						80	L		L	S	S	
						100	NS		NS	S	S	
						120			NS	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
				tg-g	200				S	S		

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
44	Aniline hydrochloride	142-04-1	198	245	Sat. sol.	20	L		NS	S	S	
						40	L		NS	S	S	
						60	L		NS	S	S	
						80	L		NS	S	S	
						100			NS	S	S	
						120			NS	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
45	Anisole	100-66-3	-37	154	tg-l	20	L	NS	S	S	S	
						40	L		S	S	S	
						60	L		S	S	S	
						80	L			S	S	
						100	NS			S	S	
						120						
						140						
					tg-g	180						
						200						
46	Anthraquinone sulphonic acid		214		Susp.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S			S	S	
						100	S			S	S	
						120	S			S	S	
						140				S	S	
						180				S	S	
						200				S	S	
47	Antimony (III) chloride	10025-91-9	73	223	Sat. sol.	20	S		S	S	S	
						40	S			S	S	
						60	S			S	S	
						80				S	S	
						100				S	S	
						120				S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
48	Apple juice				Work. sol.	20	S			S	S	
						40	S			S	S	
						60	S			S	S	
						80	S			S	S	
						100	S			S	S	
						120	S			S	S	
						140				S	S	
						180				S	S	
						200				S	S	
49	Aqua regia	8007-56-5			HCl:HNO3 = 3:1	20	L	NS	S	S	S	
						40	L		S	S	S	
						60	L		S	S	S	
						80	L		S	S	S	
						100	L		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
50	Arsenic acid	7778-39-4	35		Sat. sol.	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100	S		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
51	Arsenic trioxide	1327-53-3	275	460	Sol.	20			S	S	S	
						40			S	S	S	
						60				S	S	
						80				S	S	
						100				S	S	
						120						
						140						
						180						
						200						

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS	
52	Barium bromide	10553-31-8			Sat. sol.	20	S	S	S	S	S		
						40	S	S	S	S	S		
						60	S	S	S	S	S		
						80	S	S	S	S	S		
						100	S		S	S	S		
						120	S			S	S		
						140					S	S	
						180						S	S
						200							S
53	Barium carbonate	513-77-9			Susp.	20	S	S	S	S	S		
						40	S	S	S	S	S		
						60	S	S	S	S	S		
						80	S	S	S	S	S		
						100	S		S	S	S		
						120	L		S	S	S		
						140				S	S		
						180					S	S	
						200						S	S
54	Barium chloride	10361-37-2			Sat. sol.	20	S	S	S	S	S		
						40	S	S	S	S	S		
						60	S	S	S	S	S		
						80	S	S	S	S	S		
						100	S		S	S	S		
						120	S		S	S	S		
						140				S	S		
						180					S	S	
						200						S	S
55	Barium hydroxide	17194-00-2	78		Sat. sol.	20	NS	S	S	S	S		
						40	NS	S	S	S	S		
						60	NS	S	S	S	S		
						80	NS	S	S	S	S		
						100	NS		S	S	S		
						120	NS		S	S	S		
						140				S	S		
						180					S	S	
						200						S	S
56	Barium sulphate	7727-43-7			Susp.	20	S	S	S	S	S		
						40	S	S	S	S	S		
						60	S	S	S	S	S		
						80	S	S	S	S	S		
						100	S		S	S	S		
						120	L		S	S	S		
						140				S	S		
						180					S	S	
						200						S	S

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS					
57	Barium sulphide	21109-95-5			Sat. sol.	20	S	S	S	S	S						
						40	S	S	S	S	S						
						60	S	S	S	S	S						
						80	S	S	S	S	S						
						100	S		S	S	S						
						120	L		S	S	S						
						140				S	S						
						180				S	S						
						200				S	S						
58	Beer				Work. Sol.	20	S		S	S	S						
						40	S		S	S	S						
						60	S		S	S	S						
						80	S		S	S	S						
						100	S		S	S	S						
						120	L		S	S	S						
						140				S	S						
						180				S	S						
						200				S	S						
59	Benzaldehyde	100-52-7	-26	178	0,1	20	S		S	S	S						
						40	L		S	S	S						
						60	NS		L	S	S						
						80	NS		NS	S	S						
						100	NS		NS	S	S						
						120	NS		NS	S	S						
						140				S	S						
						180				S	S						
						200				S	S						
										tg-l	20	L	NS	L	S	S	
										40	L		L	S	S		
										60	L		NS	S	S		
										80			NS	S	S		
										100			NS	S	S		
										120			NS	S	S		
										140				S	S		
														S	S		
										tg-g	180			S	S		
										200				S	S		
					60	Benzene	71-43-2	6	80	tg-l	20	S	NS	S	S	S	
											40	L		S	S	S	
60	L		L	S							S						
80	L		NS	S							S						
				S							S						
				tg-g						100	NS		NS	S	S		
										120	NS		NS	S	S		
										140				S	S		
										180				S	S		
					200				S	S							

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
61	Benzoic acid	65-85-0	122	250	Sat. sol.	20	S	NS	S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
62	Benzoyl chloride	98-88-4	-1	197	tg-l	20	L		S	S	S	
						40			S	S	S	
						60			L	S	S	
						80				S	S	
						100				S	S	
						120				S	S	
						140				S	S	
						180				S	S	
					tg-g	200				S	S	
63	Benzyl alcohol	100-51-6	-15	205	tg-l	20	S	NS	S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	L		S	S	S	
						100	L		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
64	Benzyl chloride	100-44-7	-39	179	tg-l	20	S		S	S	S	
						40	S		S	S	S	
						60	L		L	S	S	
						80	L		NS	S	S	
						100	L			S	S	
						120	L			S	S	
						140				S	S	
					tg-g	180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS					
65	Bismuth carbonate	18400-34-5			Sat. sol.	20	L		S	S	S						
						40			S	S	S						
						60			S	S	S						
						80			S	S	S						
						100			S	S	S						
						120			S	S	S						
						140					S	S					
						180					S	S					
						200					S	S					
66	Borax	1330-43-4			Sol.	20	S	S	S	S	S						
		1303-96-4				40	S	S	S	S	S						
						60	S	S	S	S	S						
						80	S	S	S	S	S						
						100	S	S	S	S	S						
						120	S		S	S	S						
						140				S	S						
						180				S	S						
		200								S	S						
67	Boric acid	10043-35-3	168		Dil. sol.	20	S		S	S	S						
						40	S		S	S	S						
						60	S		S	S	S						
						80	S		S	S	S						
						100	S		S	S	S						
						120	S		S	S	S						
						140				S	S						
						180				S	S						
						200				S	S						
										Sat. sol.	20	S	NS	S	S	S	
											40	S		S	S	S	
											60	S		S	S	S	
											80	S		S	S	S	
											100	S		S	S	S	
											120	S		S	S	S	
											140				S	S	
											180				S	S	
200									S	S							
68	Boron trifluoride	7637-07-2	-129	-101	Sat. sol.	20	S		S	S	S						
		13319-75-0				40	L		S	S	S						
						60	L		S	S	S						
						80	L		S	S	S						
						100	L		S	S	S						
						120	L		S	S	S						
						140				S	S						
						180				S	S						
		200								S	S						

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
69	Bromic acid (dec. at 100°C)	7789-31-3			Sat. sol.	20	S		S	S	S	
		10035-10-6				40	S		S	S	S	
						60	L		S	S	S	
						80	NS		S	S	S	
						100	NS		S	S	S	
						120	NS		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					10	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	L		S	S	S	
						100	L		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
70	Bromine, gas	7726-95-6	-7	58	tg-g	60	S		L	S	S	
						80	L		L	S	S	
						100	L		L	S	S	
						120	L		L	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
71	Bromine, liquid	7726-95-6	-7	58	tg-l	20	S		S	S	S	
						40	S		S	S	S	
72	Bromine water	7726-95-6			Sat. sol.	20	S	L	S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	L		S	S	S	
						100	L		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
73	Bromoethane	74-96-4	-119	38	tg-l	20	S		S	S	S	
						40	S		S	S	S	
					tg-g	60	L		NS	S	S	
						80	NS			S	S	
						100				S	S	
						120				S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
74	Butadiene, gas	106-99-0	-109	-5	tg-g	20	S	NS	S	S	S	
		590-19-2		(713 mm)		40	S		S	S	S	
						60	S		S	S	S	
						80	L		S	S	S	
						100	L		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
75	Butane, gas	106-97-8	-138	-0,5	tg-g	20	S	NS	S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	L		S	S	S	
						100	L		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
76	Butanediol	107-88-0	-50	207	10	20	S	S	S	S	S	S
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100	S	S	S	S	S	
						120	S	S	S	S	S	
						140	L		S	S	S	
						180			S	S	S	
						200			S	S	S	
					tg-l	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80				S	S	
						100				S	S	
						120				S	S	
						140				S	S	
						180				S	S	
						200				S	S	
77	n-Butanol	71-36-3	-89	118	tg-l	20	S	S	S	S	S	S
						40	S	S	S	S	S	S
						60	S	S	S	S	S	S
						80	L	S	S	S	S	S
						100	L		S	S	S	
					tg-g	120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS	
78	Butyl acetate	123-86-4			tg-l	20	L	NS	S	S	S	S	
						40	L	NS	S	S	S	S	
						60	NS	NS	NS	S	S	S	
						80	NS	NS	NS	S	S	S	
						100	NS		NS	S	S		
						120	NS		NS	S	S		
						tg-g	140				S	S	
							180				S	S	
							200				S	S	
79	Butyl glycol	111-76-2			tg-l	20	S		S	S	S		
						40	S		S	S	S		
						60	S		S	S	S		
						80	S			S	S		
						100	S			S	S		
						120	S			S	S		
						140				S	S		
						tg-g	180				S	S	
							200				S	S	
						80	Butylphenol	89-72-5	98	237	Sat. sol.	20	S
88-18-6	40	S		S	S			S					
98-54-4	60	S		S	S			S					
585-34-2	80	S		S	S			S					
	100	L		S	S			S					
	120	L		L	S			S					
	140				S			S					
	180				S			S					
	200				S			S					
81	Butyl phthalate	84-74-2			tg-l			20			S	S	S
						40	L	S	S	S	S		
						60	L	S	S	S	S		
						80	NS	S	S	S	S		
						100			S	S	S		
						120			S	S	S		
						140				S	S		
						180				S	S		
						200				S	S		
						82	Butyric acid	107-92-6			20	20	S
40	S		S	S	S								
60	S		S	S	S								
80	L		S	S	S								
100	L		S	S	S								
120	L		S	S	S								
140				S	S								
180				S	S								
200				S	S								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS	
82	Butyric acid (cont'd)	107-92-6		164	tg-l	20	S	L	S	S	S		
						40	S	L	S	S	S		
						60	S		S	S	S		
						80	L		L	S	S		
						100	L			S	S		
						120	L			S	S		
						140				S	S		
						180				tg-g	S	S	
						200					S	S	
						83	Butyryl chloride	141-75-3		100	tg-l	20	S
40	S		S	S	S								
60	L			S	S								
80	NS			S	S								
100				S	S								
120				tg-g	S							S	
140					S							S	
180					S							S	
200					S							S	
84	Calcium bisulphite	13780-03-5			Sat. sol.							20	S
						40	S	S	S	S	S		
						60	S	S	S	S	S		
						80	S	S	S	S	S		
						100	S		S	S	S		
						120	L		S	S	S		
						140				S	S		
						180				S	S		
						200				S	S		
						85	Calcium bromide	7789-41-5	730		Sat. sol.	20	S
40	S	S	S	S	S								
60	S	S	S	S	S								
80	S	S	S	S	S								
100	S	S	S	S	S								
71626-99-8	120	L		S	S			S					
	140				S			S					
	180				S			S					
	200				S			S					
	86	Calcium carbonate	471-34-1					Susp.	20	S		S	S
40						S			S	S	S		
60						S			S	S	S		
80						S			S	S	S		
100						S			S	S	S		
120						S			S	S	S		
140										S	S		
180										S	S		
200										S	S		

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
87	Calcium chlorate	10137-74-3	100		Sat. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
88	Calcium chloride	10043-52-4	772	1670	Sat. sol.	20	S	S	S	S	S	S
		10035-04-8				40	S	S	S	S	S	S
		25094-02-4				60	S	S	S	S	S	S
		7774-34-7				80	S	S	S	S	S	S
						100	S	S	S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
89	Calcium hydroxide	1305-62-0			Sat. sol.	20	NS	S	S	S	S	
						40	NS		S	S	S	
						60	NS		S	S	S	
						80	NS		S	S	S	
						100	NS		S	S	S	
						120	NS		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
90	Calcium hypochlorite	7778-54-3			10	20	L	S	S	S	S	
						40	L	S	S	S	S	
						60	L	S	S	S	S	
						80	L	S	S	S	S	
						100	L		S	S	S	
						120			S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
91	Calcium nitrate	10124-37-5	45		Sat. sol.	20	S	S	S	S	S	
		13477-34-4				40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
92	Calcium sulphate	7778-18-9	1450		Susp.	20	S	S	S	S	S	
		10034-76-1				40	S	S	S	S	S	
		10101-41-4				60	S	S	S	S	S	
		13397-24-5				80	S	S	S	S	S	
						100	S		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
93	Calcium sulphide	20548-54-3	2400		Dil. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
94	Calcium hydrogen sulphide	9046-53-1			Sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
95	Camphor oil			175 to 200	tg-l	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	L		S	S	S	
						100				S	S	
						120				S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
96	Carbon dioxide aqueous sol.	124-38-9			Sat. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
97	Carbon dioxide, dry gas	124-38-9			tg-g	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
98	Carbon dioxide, wet gas	124-38-9			tg-g	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
99	Carbon disulphide	75-15-0	-112	46	tg-l	20	S	NS	S	S	S	
						40	S		S	S	S	
						60	L		NS	S	S	
					tg-g	80	L		NS	S	S	
						100				S	S	
						120				S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
100	Carbon monoxide, gas	630-08-0			tg-g	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
101	Carbon tetrachloride	56-23-5	-23	77	tg-l	20	S	L	S	S	S	
						40	S		S	S	S	
						60	L		S	S	S	
					tg-g	80	L		S	S	S	
						100	L		S	S	S	
						120	NS		S	S	S	
						140			S	S		
						180			S	S		
						200			S	S		
102	Castor oil				tg-l	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140			S	S		
						180			S	S		
						200			S	S		
103	Chlorine, aqueous (see 105)											
104	Chlorine, dry gas	7782-50-5			tg-g	20	S		S	S	S	
						40	S		S	S	S	
						60	L		S	S	S	
						80	L		S	S	S	
						100	L		S	S	S	
						120			L	S	S	
						140				S	S	
						180				S	S	
200				S	S							

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS	
105	Chlorine water				Sat. sol.	20	S		S	S	S		
						40	S		S	S	S		
						60	S		S	S	S		
						80	S		S	S	S		
						100	L		S	S	S		
						120				S	S		
						140					S	S	
						180					S	S	
						200					S	S	
106	Chlorine, wet gas	7782-50-5			tg-g	20	L		S	S	S		
						40	L		S	S	S		
						60	L		S	S	S		
						80	L		S	S	S		
						100	L		S	S	S		
						120			L	S	S		
						140				S	S		
						180				S	S		
						200				S	S		
107	Chloroacetic acid	79-11-8	61	188	Sol.	20	S		S	S	S		
						40	S		S	S	S		
						60	S		S	S	S		
						80	S		L	S	S		
						100	L		NS	S	S		
						120				S	S		
						140				S	S		
						180				S	S		
						200				S	S		
					Sat. sol.	20	L		S	S	S		
						60	NS		S	S	S		
						80			L	S	S		
						100			NS	S	S		
						120				S	S		
						140				S	S		
						180				S	S		
						200				S	S		

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
107	Chloroacetic acid (cont'd)	79-11-8	61	188	50	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	L		S	S	S	
						120			L	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
108	Chlorobenzene	108-90-7	-45	132	tg-l	20	S	NS	S	S	S	
						40	S		L	S	S	
						60	L		L	S	S	
						80	L		NS	S	S	
						100	L		NS	S	S	
						120	NS			S	S	
						140				S	S	
						180				S	S	
						200				S	S	
109	Chlorobromo-methane	74-97-5	-86	68	tg-l	20	L	S	S	S	S	
						40	L		L	S	S	
						60	L			S	S	
						80				S	S	
						100	NS			S	S	
						120						
						140						
						180						
						200						
110	Chloroethanol	107-07-3	-89	129	tg-l	20	S		S	S	S	
						40	L		L	S	S	
						60	L		L	S	S	
						80	L		L	S	S	
						100	NS			S	S	
						120				S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS	
111	Chloroform	67-66-3	-64	62	tg-l	20	S	NS	L	S	S		
						40	S	NS	L	S	S		
						60	L	NS	L	S	S		
					tg-g	80	L	NS	L	S	S		
						100	L			S	S		
						120	NS			S	S		
						140				S	S		
						180				S	S		
						200				S	S		
112	Chloromethane, gas	74-87-3	-97	-24	tg-g	20	S		S	S	S		
						40	S		S	S	S		
						60	S		S	S	S		
						80	S		S	S	S		
						100	L		S	S	S		
						120	L		S	S	S		
						140				S	S		
						180				S	S		
						200				S	S		
113	Chloropropanes	75-29-6	-123	36	tg-l	20	S		L	S	S		
		540-54-5			tg-g	40	S		L	S	S		
		26446-76-4				60			L	S	S		
						80			L	S	S		
						100					S	S	
						120					S	S	
						140					S	S	
						180					S	S	
						200					S	S	
114	Chlorosulphonic acid	7790-94-5	68	147	50	20	L		S	S	S		
						40	L		S	S	S		
						60	L		L	S	S		
						80	L			S	S		
						100	L			S	S		
						120				S	S		
						140				S	S		
						180				S	S		
200				S	S								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS					
115	Chrome alum (chromium potassium sulphate)	10141-00-1			Sol.	20	S		S	S	S						
						40	S		S	S	S						
						60	S		S	S	S						
						80	S		L	S	S						
						100	L		NS	S	S						
						120				S	S						
						140				S	S						
						180				S	S						
						200				S	S						
						Sat. sol.	20	S		S	S	S					
					40	S		S	S	S							
					60	S		S	S	S							
					80	S		L	S	S							
					100	L		L	S	S							
					120				S	S							
					140				S	S							
					180				S	S							
					200				S	S							
					116	Chromic acid	7738-94-5			Sat. sol.	20	S	NS	S	S	S	
											40	S		S	S	S	
60	L		S	S							S						
80	L		S	S							S						
100	L		S	S							S						
120	NS		S	S							S						
140				S							S						
180				S							S						
200				S							S						
10	20	S	NS	S							S	S					
40	S		S	S						S							
60	L		S	S						S							
80	L		S	S						S							
100	L		S	S						S							
120	NS		S	S						S							
140				S						S							
180				S						S							
200				S						S							

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
116	Chromic acid (cont'd)	7738-94-5			20	20	S	NS	S	S	S	
						40	S		S	S	S	
						60	L		S	S	S	
						80	L		S	S	S	
						100	L		S	S	S	
						120	NS		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
						25	20	S	NS	S	S	S
					40	S		S	S	S		
					60	L		S	S	S		
					80	L		S	S	S		
					100	L		S	S	S		
					120	NS		S	S	S		
					140				S	S		
					180				S	S		
					200				S	S		
					30	20	S	NS	S	S	S	
					40	S		S	S	S		
60	L		S	S	S							
80	L		S	S	S							
100	L		S	S	S							
120	NS		S	S	S							
140				S	S							
180				S	S							
200				S	S							
40	20	S	NS	S	S	S						
40	S		S	S	S							
60	L		S	S	S							
80	L		S	S	S							
100	L		S	S	S							
120	NS		S	S	S							
140				S	S							
180				S	S							
200				S	S							
50	20	S	NS	S	S	S						
40	S		S	S	S							
60	L		S	S	S							
80	L		S	S	S							
100	L		S	S	S							
120	NS		S	S	S							
140				S	S							
180				S	S							
200				S	S							

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
117	Citric acid	77-92-9	153		Sat. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
118	Coconut oil				Work. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
119	Cod. liver oil				Work. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
120	Copper (II) chloride	7447-39-4			Sat. sol.	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100	S		S	S	S	
						120			S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS	
121	Copper (II) cyanide	544-92-3			Sat. sol.	20	S	S	S	S	S		
						40	S	S	S	S	S		
						60	S	S	S	S	S		
						80	S	S	S	S	S		
						100	S		S	S	S		
						120			S	S	S		
						140					S	S	
						180					S	S	
						200					S	S	
122	Copper (II) fluoride	7789-19-7			Dil. sol.	20	S		S	S	S		
						40	S		S	S	S		
						60	S		S	S	S		
						80	S		S	S	S		
						100	S		S	S	S		
						120			S	S	S		
						140					S	S	
						180					S	S	
						200					S	S	
						Sat. sol.	20	S		S	S	S	
							40	S		S	S	S	
							60	S		S	S	S	
					80		S		S	S	S		
					100		S		S	S	S		
					120				S	S	S		
					140						S	S	
					180						S	S	
					200						S	S	
					2		20	S		S	S	S	
							40	S		S	S	S	
							60	S		S	S	S	
						80	S		S	S	S		
						100	S		S	S	S		
						120			S	S	S		
140						S	S						
180						S	S						
200					S	S							

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS					
123	Copper (II) nitrate	3251-23-8			Sat. sol.	20	S	S	S	S	S						
						40	S	S	S	S	S						
						60	S	S	S	S	S						
						80	S	S	S	S	S						
						100	S		S	S	S						
						120	S		S	S	S						
						140				S	S						
						180				S	S						
						200				S	S						
						50	20	S	S	S	S	S					
					40	S	S	S	S	S							
					60	S	S	S	S	S							
					80	S	S	S	S	S							
					100	S		S	S	S							
					120	L		S	S	S							
					140				S	S							
					180				S	S							
					200				S	S							
					124	Copper (II) sulphate	7758-98-7			Sat. sol.	20	S	S	S	S	S	
											40	S	S	S	S	S	
60	S	S	S	S							S						
80	S	S	S	S							S						
100	S		S	S							S						
120	L		S	S							S						
140				S							S						
180				S							S						
200				S							S						
125	Corn oil										Work. sol.	20	S	S	S	S	S
					40	S		S	S	S							
					60	S		S	S	S							
					80	S		S	S	S							
					100	S		S	S	S							
					120	S			S	S							
					140				S	S							
					180				S	S							
200				S	S												

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
126	Cottonseed oil				Work. sol.	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100			S	S	S	
						120			S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
127	Cresols	106-44-5	11 to 34	191 to 203	tg-l	20	S	NS	S	S	S	
		108-39-4				40	S		S	S	S	
		95-48-7				50	S		S	S	S	
						60	L		S	S	S	
						80	L		S	S	S	
						100	L		S	S	S	
						120				S	S	
						140				S	S	
						180				S	S	
						200				S	S	
128	Cresylic acid				Sat. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	L		S	S	S	
						80	NS		L	S	S	
						100				S	S	
						120				S	S	
						140				S	S	
						180				S	S	
						200				S	S	
129	Crotonaldehyde	123-73-9	-74	104	Sat. sol.	20	S		S	S	S	
		15798-64-8				40	S			S	S	
		4170-30-3				60	L			S	S	
						80	L			S	S	
						100	L			S	S	
						120				S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS			
129	Crotonaldehyde (cont'd)	123-73-9	-74	104	tg-l	20	S		L	S	S				
						40	S		L	S	S				
						60	L		L	S	S				
						80	L			S	S				
						100				S	S				
						120				tg-g			S	S	
						140							S	S	
						180							S	S	
						200							S	S	
						130	Crude oil (free from aromatics)				tg-l	20	S	S	S
40	S	S	S	S	S										
60	S	S	S	S	S										
80	S	S	S	S	S										
100	S	S	S	S	S										
120	S			S	S										
140				S	S										
180				S	S										
200				S	S										
131	Cyclohexane	110-82-7	6	81	tg-l							20	S	S	S
						40	S	S	S	S	S				
						60	S	S	S	S	S				
						80	L	S	S	S	S				
						100	L	S	S	S	S				
						120	L		S	S	S				
						140				S	S				
						180				S	S				
						200				S	S				
						132	Cyclohexanol	108-93-0	24	161	Sat. sol.	20	S	S	S
40	S	S	S	S	S										
60	S	S	L	S	S										
80	L	S	NS	S	S										
100	L	S	NS	S	S										
120	L		NS	S	S										
140				S	S										
180				S	S										
200				S	S										

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS		
133	Cyclohexanone	108-94-1		-26	156	tg-l	20	NS	NS	S	S	S		
							40	NS	NS	S	S	S		
							60	NS	NS	L	S	S		
							80	NS	NS	NS	S	S		
							100	NS			S	S		
							120	NS			S	S		
							140				S	S		
							tg-g	180				S	S	
134	Cyclohexylamine	108-91-8			135	tg-l	20	NS		S	S	S		
							40			S	S	S		
							60			L	S	S		
							80			NS	S	S		
							100				S	S		
							120				S	S		
							tg-g	140				S	S	
							180					S	S	
135	Decalin	91-17-8	-51 to -36	185 to 193	tg-l	20	S		S	S	S			
						40	S		S	S	S			
		493-01-6				493-02-7	60	S		S	S	S		
							80	S		L	S	S		
						100	S			S	S			
						120				S	S			
						140				S	S			
						180				S	S			
	tg-g	200				S	S							
136	Dextrin	9004-53-9				Dil sol.	20	S	S	S	S	S		
							40	S	S	S	S	S		
							60	S	S	S	S	S		
							80	S	L	S	S	S		
							100	S		S	S	S		
							120	L		S	S	S		
							140				S	S		
							180				S	S		
	200					S	S							

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
136	Dextrin (cont'd)	9004-53-9			Sol.	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	L	S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
137	Dextrose (dec. at 200°C)	50-90-7	146		Sol.	20	S	S	S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
138	Diacetone alcohol	123-42-2	-47	166	tg-l	20	L		S	S	S	
						40	L		S	S	S	
						60	NS		NS	S	S	
						80			NS	S	S	
						100			NS	S	S	
					120				S	S		
					140				S	S		
					180			tg-g	S	S		
					200				S	S		
139	Diazonium chloride (benzene diazonium chloride)	100-34-5			Work. sol.	20			S	S	S	
						40			S	S	S	
						60			S	S	S	
						80			S	S	S	
						100			S	S	S	
						120			S	S	S	
						140				S	S	
						180				S	S	
200				S	S							

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS						
140	Dichloroacetic acid	79-43-6	11	194	50	20	S		S	S	S							
						40	S		S	S	S							
						60	L		S	S	S							
						80	L		L	S	S							
						100	L			S	S							
						120				S	S							
						140				S	S							
						180				S	S							
						200				S	S							
							tg-l	20	L		S	S	S					
								40	L		S	S	S					
								60	L		L	S	S					
								80	L		NS	S	S					
								100				S	S					
								120				S	S					
								140				S	S					
								180				S	S					
								200		tg-g		S	S					
						141	Dichlorobenzene	95-50-1	-24 to 53	173 to 179	tg-l	20	S	NS	S	S	S	
												40	S		L	S	S	
60	S		NS	S	S													
80	L		NS	S	S													
100	NS		NS	S	S													
120			NS	S	S													
140				S	S													
	tg-g	180			S							S						
		200			S							S						
142	Dichloroethylene	75-35-4	-81	34 to 60	tg-l							20	S		S	S	S	
						40	S		S	S	S							
						60	L		NS	S	S							
						80	L		NS	S	S							
						100	L		NS	S	S							
						120			NS	S	S							
						140				S	S							
						180				S	S							
200				S	S													
143	Dichloromethane (see 259)																	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
144	Diesel fuel				Work. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
145	Diethanolamine	111-42-2	28	268	tg-l	20	NS		S	S	S	S
						40	NS		L	S	S	S
						60	NS		NS	S	S	S
						80	NS			S	S	S
						100	NS			S	S	
						120	NS			S	S	
						140				S	S	
						180				S	S	
						200				S	S	
146	Diethylamine	109-89-7	-50	56	tg-l	20	NS		S	S	S	
						40	NS		L	S	S	
						60	NS		NS	S	S	
					tg-g	80	NS		NS	S	S	
						100	NS		NS	S	S	
						120	NS		NS	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
147	Diethyl ether	60-29-7	-116	35	tg-l	20	S			S	S	
						40	L			S	S	
					tg-g	60	L			S	S	
						80	NS			S	S	
						100				S	S	
						120				S	S	
						140				S	S	
						180				S	S	
						200				S	S	
148	Diethylene glycol	111-46-6	-10	198	tg-l	20	S		S	S	S	S
						40	S		S	S	S	S
						60	S		S	S	S	
						80	S		S	S	S	
						100	L		S	S	S	
						120			S	S	S	
						140				S	S	
						180				S	S	
					200				tg-g	S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
149	Diglycolic acid	110-99-6	148		Dil. sol.	20	S		S	S	S	S
						40	S		L	S	S	S
						60	S		L	S	S	S
						80			NS	S	S	S
						100				S	S	S
						120				S	S	S
						140				S	S	
						180				S	S	
						200				S	S	
					Sat. sol.	20	S		S	S	S	
						40	S			S	S	
						60	S			S	S	
						80	L			S	S	
						100				S	S	
						120				S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					18	20	S		S	S	S	
						40	S		L	S	S	
						60	S		L	S	S	
						80	L		NS	S	S	
						100				S	S	
						120				S	S	
						140				S	S	
						180				S	S	
						200				S	S	
150	Diisooctyl phthalate	27554-26-3			tg-l	20	L		S	S	S	
						40	L		S	S	S	
						60	NS		S	S	S	
						80			L	S	S	
						100			NS	S	S	
						120				S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
151	Dimethylamine	124-40-3			30	20	NS		S	S	S	
						40			L	S	S	
						60			NS	S	S	
						80			NS	S	S	
						100			NS	S	S	
						120			NS	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
152	Dimethylamine, gas	124-40-3	-96	7	tg-g	20	NS		S	S	S	
						40	NS		L	S	S	
						60	NS		NS	S	S	
						80			NS	S	S	
						100			NS	S	S	
						120			NS	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
153	Dimethyl-formamide	68-12-2	-61	153	tg-l	20	NS		S	S	S	
						40	NS		S	S	S	
						60	NS		L	S	S	
						80	NS		L	S	S	
						100	NS		NS	S	S	
						120	NS		NS	S	S	
						140				S	S	
					tg-g	180				S	S	
						200				S	S	
154	Dioctyl phthalate	117-81-7		255 to 265	tg-l	20	L	S	S	S	S	
		117-84-0		(20 mm)		40	L		S	S	S	
						60	NS		L	S	S	
						80	NS		NS	S	S	
						100			NS	S	S	
						120			NS	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS	
155	Dioxane	123-91-1	12	100	tg-l	20	L	NS	S	S	S		
						40	NS		S	S	S		
						60	NS		NS	S	S		
						80	NS		NS	S	S		
						100	NS		NS	S	S		
						tg-g	120	NS		NS	S	S	
							140				S	S	
							180				S	S	
							200				S	S	
						156	Diphenylamine	122-39-4	54	310	Work. sol.	20	NS
40			S	S	S								
60		NS	S	S	S								
80			S	S	S								
100			S	S	S								
120			S	S	S								
140			S	S	S								
180			S	S	S								
200			S	S	S								
157	Ethanol	64-17-5	-114	78	40							20	S
						40	S		S	S	S		
						60	L		S	S	S		
						80	L		S	S	S		
						100	L		S	S	S		
						120	NS		S	S	S		
						140			S	S	S		
						180			S	S	S		
						200			S	S	S		
						95	20	S		S	S	S	
					40		L		S	S	S		
					60		L		S	S	S		
					80		L		S	S	S		
					100		L		S	S	S		
					120		L		S	S	S		
					140				S	S	S		
					180				S	S	S		
					200				S	S	S		

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
157	Ethanol (cont'd)	64-17-5	-114	78	tg-l	20	S		S	S	S	
						40	L		S	S	S	
						60	L		S	S	S	
						80	L		S	S	S	
						100	L		S	S	S	
					120			S	S	S		
					140				S	S		
					180				S	S		
					200				S	S		
					158	Ethanolamine	141-43-5	-84	171	tg-l	20	NS
40	NS		S	S							S	
60	NS		S	S							S	
80	NS		S	S							S	
100	NS			S							S	
120	NS			S						S		
140				S						S		
180				S						S		
200				S						S		
159	Ethyl acetate	141-78-6	-83	77						tg-l	20	L
					40	L		S	S		S	
					60	NS		L	S		S	
					80	NS		NS	S		S	
					100			NS	S		S	
					120			NS	S	S		
					140				S	S		
					180				S	S		
					200				S	S		
					160	Ethyl acrylate	140-88-5		99	tg-l	20	L
40	L		S	S							S	
60	L			S							S	
80	NS			S							S	
100				S							S	
120				S						S		
140				S						S		
180				S						S		
200				S						S		

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS	
161	Ethyl chloride, gas	75-00-3	-139	12	tg-g	20	S		S	S	S		
						40	S			S	S		
						60	S			S	S		
						80	L			S	S		
						100	L			S	S		
						120				S	S		
						140				S	S		
						180				S	S		
						200				S	S		
162	Ethylene bromide	106-93-4	10	132	tg-l	20	S		S	S	S		
						40	S		S	S	S		
						60	S		S	S	S		
						80	S		S	S	S		
						100			S	S	S		
						120			S	S	S		
						140			tg-g		S	S	
						180					S	S	
						200					S	S	
163	Ethylene chlorohydrin	107-07-3		129	tg-l	20	L		S	S	S		
						40	L		S	S	S		
						60	L		L	S	S		
						80			NS	S	S		
						100			NS	S	S		
						120			NS	S	S		
						140			tg-g		S	S	
						180					S	S	
						200					S	S	
164	1,1 Ethylene dichloride	75-34-3	-35	57	tg-l	20	S		S	S	S		
						40	S		L	S	S		
						60	S		L	S	S		
						80	L		NS	S	S		
						100	L		NS	S	S		
						120	NS		NS	S	S		
						140					S	S	
						180					S	S	
						200					S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
165	1,2 Ethylene dichloride	107-06-2	-35	83	tg-l	20	S		S	S	S	
						40	S		L	S	S	
						60	S		L	S	S	
						80	L		NS	S	S	
						100	L		NS	S	S	
					tg-g	120	NS		NS	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
166	Ethylene glycol	107-21-1	-11	198	tg-l	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100	S		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
167	Ethyl ether	60-29-7	-113	35	tg-l	20	S	NS	S	S	S	
						40	L		S	S	S	
						60	NS			S	S	
						80				S	S	
						100				S	S	
						120				S	S	
						140				S	S	
						180				S	S	
						200				S	S	
168	Ethyl glycol	110-80-5	-90	135	tg-l	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	L		S	S	S	
						100	L		S	S	S	
					tg-g	120			S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
169	Ethylene oxide	75-21-8	-113	10	tg-g	20	S	S	S	S	S	NS
						40	S	S	S	S	S	
						60	L	S	S	S	S	
						80	NS	S	S	S	S	
						100	NS	S	S	S	S	
						120	NS	S	S	S	S	
						140		S	S	S	S	
						180		S	S	S	S	
						200				S	S	
170	Ferric chloride	7705-08-0			Sat. sol.	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100	S	S	S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
171	Ferric nitrate	10421-48-4			Sat. sol.	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100	S		S	S	S	
						120	NS		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
172	Ferric sulphate	10028-22-5			Sat. sol.	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100	S		S	S	S	
						120	NS		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
173	Ferrous chloride	7758-94-3			Sat. sol.	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
174	Ferrous sulphate	7720-78-7			Sat. sol.	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100	S	S	S	S	S	
						120	L	S	S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
175	Fluoboric acid (dec. at 130°C)	16872-11-0			Sat. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
176	Fluorine gas, dry	7782-41-4			tg-g	20	NS		S	S	S	
						40	NS		L	S	S	
						60	NS		NS	S	S	
						80	NS		NS	S	S	
						100	NS		NS	S	S	
						120	NS		NS	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
177	Fluorine gas, wet	7782-41-4			tg-g	20	NS		S	S	S	
						40	NS		L	S	S	
						60	NS		NS	S	S	
						80	NS		NS	S	S	
						100	NS		NS	S	S	
						120	NS		NS	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
178	Fluosilicic acid	16961-83-4			Sat. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					25	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					32	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100	S		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					40	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS						
178	Fluosilicic acid (cont'd)	16961-83-4			50	20	S		S	S	S							
						40	S		S	S	S							
						60	S		S	S	S							
						80	S		S	S	S							
						100	L		S	S	S							
						120	L		S	S	S							
						140				S	S							
						180				S	S							
						200				S	S							
179	Formaldehyde	50-00-0	-92	-19	Dil. sol.	20	S		S	S	S							
						40	S		S	S	S							
						60	S		S	S	S							
						80	L		L	S	S							
						100	L		L	S	S							
						120	L		L	S	S							
						140				S	S							
						180				S	S							
						200				S	S							
										30 to 40	20	S	S	S	S	S		
											40	S	S	S	S	S		
											60	S	S	S	S	S		
											80	L	S	L	S	S		
											100	L	S	L	S	S		
											120	L		L	S	S		
											140				S	S		
											180				S	S		
											200				S	S		
											50	20	S		S	S	S	
												40	S		S	S	S	
												60	S		S	S	S	
						80	L		L	S	S							
						100	L		L	S	S							
						120	L		L	S	S							
						140				S	S							
						180				S	S							
						200				S	S							

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
180	Formic acid	64-18-6	8	101	10	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					40	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					50	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S		L	S	S	
						100	S		L	S	S	
						120	L		L	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					85 to tg-l	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		L	S	S	
						100	L		L	S	S	
						120	L		L	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS	
181	Freon 12	75-71-8		-30	Work. sol.	20	L	NS	S	S	S		
						40	L		S	S	S		
						60	L		S	S	S		
						80	L		S	S	S		
						100	L		S	S	S		
						120			S	S	S		
						140				S	S		
						180				S	S		
						200				S	S		
182	Freon 22	75-45-6	-157	-41	tg-g	20	S	S	S	S	S	NS	
						40	S	S	S	S	S		
						60	S	S	S	S	S		
						80	S	S		S	S		
						100	S			S	S		
						120	S			S	S		
						140				S	S		
						180				S	S		
						200				S	S		
183	Fructose	57-48-7	102		Sol.	20	S	S	S	S	S		
						40	S		S	S	S		
						60	S		S	S	S		
						80	S		S	S	S		
						100	S		S	S	S		
						120	S		S	S	S		
						140				S	S		
						180				S	S		
						200				S	S		
184	Fruit juice				Work. sol.	20	S		S	S	S		
						40	S		S	S	S		
						60	S		S	S	S		
						80	S		S	S	S		
						100	S		S	S	S		
						120	S		S	S	S		
						140				S	S		
						180				S	S		
						200				S	S		
185	Furfuryl alcohol	98-00-0	-29	170	tg-l	20	L		S	S	S		
						40	L		S	S	S		
						60	L		L	S	S		
						80	NS		L	S	S		
						100	NS		L	S	S		
						120	NS		L	S	S		
						140				S	S		
						180				tg-g	S	S	
						200					S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
186	Gas, manufactured				tg-g	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
187	Gas, natural, dry				tg-g	20	S	S	S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
188	Gas, natural, wet				tg-g	20	S	S	S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
189	Gasoline (fuel) (free from aromatics)				Work. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
190	Gelatine				Sol.	20	S	S	S	S	S	S
						40	S	S	S	S	S	S
						60	S	S	S	S	S	S
						80	S	S	S	S	S	S
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
191	Ginger ale				Work. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
192	Glucose (dec. at > 200°C)	50-99-7	146		Sol.	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
193	Glycerine	56-81-5	20	290	tg-l	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
194	Glycolic acid	79-14-1	80		Sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	L		S	S	S	
						120	NS		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					30	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	L		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					65	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	L		S	S	S	
						100	L		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
195	Grapefruit juice				Work. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
196	Heptane	142-82-5	-90	98	tg-l	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
					tg-g	100	L		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
197	Hexadecanol	36653-82-4	50	340	Work. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80			S	S	S	
						100			S	S	S	
						120			S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
198	Hexane	110-54-3	-94	69	tg-l	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
					tg-g	80	S	S	S	S	S	
						100	L	S	S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
199	1-Hexanol	111-27-3	-52	158	tg-l	20	S		S	S	S	
						40	S		L	S	S	
						60	S		L	S	S	
						80	S		L	S	S	
						100				S	S	
						120				S	S	
						140				S	S	
					tg-g	180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS	
200	Honey				Work. sol.	20	S		S	S	S		
						40	S		S	S	S		
						60	S		S	S	S		
						80	S		S	S	S		
						100	S		S	S	S		
						120	S		S	S	S		
						140				S	S		
						180				S	S		
						200				S	S		
201	Horseradish				Work. sol.	20	S		S	S	S		
						40	S		S	S	S		
						60	S		S	S	S		
						80	S		S	S	S		
						100	S		S	S	S		
						120	S		S	S	S		
						140				S	S		
						180				S	S		
						200				S	S		
202	Hydrobromic acid	10035-10-6	-87	-67	Up to 20	20	S		S	S	S		
						40	S		S	S	S		
						60	S		S	S	S		
						80	S		S	S	S		
						100	S		S	S	S		
						120			S	S	S		
						140				S	S		
						180				S	S		
						200				S	S		
						Up to 50	20	S	NS	S	S	S	
							40	S		S	S	S	
							60	S		S	S	S	
							80	S		S	S	S	
							100	S		S	S	S	
							120	S		S	S	S	
							140				S	S	
							180				S	S	
							200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS					
202	Hydrobromic acid (cont'd)	10035-10-6	-87	-67	66	20	S		S	S	S						
						40	S		S	S	S						
						60	S		S	S	S						
						80	S		S	S	S						
						100	L		S	S	S						
						120	L		S	S	S						
						140				S	S						
						180				S	S						
						200				S	S						
						tg-g	20	S		S	S	S					
					40	S		S	S	S							
					60	S		S	S	S							
					80	S		S	S	S							
					100	S		S	S	S							
					120	S		S	S	S							
					140				S	S							
					180				S	S							
					200				S	S							
					203	Hydrochloric acid	7647-01-0	-112	-85	Up to 10	20	S	S	S	S	S	
											40	S	S	S	S	S	
60	S	S	S	S							S						
80	S	S	S	S							S						
100	L		S	S							S						
120	L		S	S							S						
140				S							S						
180				S							S						
200				S							S						
10 to 20	20	S		S							S	S					
40	S		S	S						S							
60	S		S	S						S							
80	S		S	S						S							
100	L		S	S						S							
120	L		S	S						S							
140				S						S							
180				S						S							
200				S						S							

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
203	Hydrochloric acid (cont'd)	7647-01-0	-112	-85	Up to 25	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	L		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					30	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S		S	S	S	
						100	L		S	S	S	
						120			S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					33	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	L		S	S	S	
						120			S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					36	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	L		S	S	S	
						120			S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

ISO/TR 10358:2021(E)

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
203	Hydrochloric acid (cont'd)	7647-01-0	-112	-85	37,5	20	S		S	S	S	S
						40	S		S	S	S	L
						60	S		S	S	S	L
						80	S		S	S	S	NS
						100	L		S	S	S	
						120			S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
204	Hydrochloric acid, dry gas	7647-01-0			tg-g	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
205	Hydrochloric acid, wet gas	7647-01-0			tg-g	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
206	Hydrocyanic acid	74-90-8	-15	25	Sat. sol.	20	S	S	S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS						
206	Hydrocyanic acid (cont'd)	74-90-8	-15	25	10	20	S		S	S	S							
						40	S		S	S	S							
						60	S		S	S	S							
						80	S		S	S	S							
						100	L		S	S	S							
						120	L		S	S	S							
						140				S	S							
						180				S	S							
						200				S	S							
						tg-l	20	S		S	S	S						
						tg-g	40	S		S	S	S						
							60	S		S	S	S						
							80	S		S	S	S						
							100	L		S	S	S						
							120	L		S	S	S						
							140				S	S						
							180				S	S						
							200				S	S						
						207	Hydrofluoric acid	7664-39-3	-85	20	Up to 10	20	S	S	S	S	S	
												40	S		S	S	S	
60	S		S	S	S													
80	S		S	S	S													
100	L		S	S	S													
120	L		S	S	S													
140				S	S													
180				S	S													
200				S	S													
40	20	S		S	S							S						
	40	S		S	S							S						
	60	S		S	S							S						
	80	S		S	S							S						
	100	L		S	S							S						
	120	NS		S	S							S						
	140				S							S						
	180				S							S						
	200				S							S						

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
207	Hydrofluoric acid (cont'd)	7664-39-3	-85	20	48	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	L		S	S	S	
						120	NS		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					50	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	L		S	S	S	
						120	NS		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					60	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		L	S	S	
						100	L		L	S	S	
						120	NS		L	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					70	20	S	NS	L	S	S	
						40	S		L	S	S	
						60	S		L	S	S	
						80			L	S	S	
						100			L	S	S	
						120				S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS				
208	Hydrofluoric acid, gas	7664-39-3			tg-g	20	S		S	S	S					
						40	S		L	S	S					
						60			NS	S	S					
						80				S	S					
						100				S	S					
						120				S	S					
						140				S	S					
						180				S	S					
						200				S	S					
209	Hydrogen	1333-74-0			tg-g	20	S	S	S	S	S					
						40	S	S	S	S	S					
						60	S	S	S	S	S					
						80	S	S	S	S	S					
						100	S		S	S	S					
						120			S	S	S					
						140				S	S					
						180				S	S					
						200				S	S					
210	Hydrogen peroxide	7722-84-1	1	158	Up to 10	20	L	S	S	S	S					
						40	L	S	S	S	S					
						60	L	S	S	S	S					
						80	L	S	L	S	S					
						100	L			S	S					
						120	NS			S	S					
						140				S	S					
						180				S	S					
						200				S	S					
					30					20	L		S	S	S	
										40	L		S	S	S	
										60	L		S	S	S	
										80	NS		L	S	S	
										100	NS		NS	S	S	
										120	NS			S	S	
										140				S	S	
										180				S	S	
200				S	S											

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS					
210	Hydrogen peroxide (cont'd)	7722-84-1	1	158	50	20	L	S	S	S	S						
						40	L	S	S	S	S						
						60	L	S	S	S	S						
						80	NS	S		S	S						
						100	NS			S	S						
						120	NS			S	S						
						140				S	S						
						180				S	S						
						200				S	S						
						70	20	L		S	S	S					
					40	L			S	S	S						
					60	L			S	S	S						
					80	NS			S	S	S						
					100	NS			S	S	S						
					120	NS			S	S	S						
					140				S	S	S						
					180				S	S	S						
					200				S	S	S						
					211	Hydrogen phosphide (see 294)											
					212	Hydrogen sulphide, aqueous	7783-06-4			Dil. sol.	20	S		S	S	S	
40	S		S	S							S						
60	S		S	S							S						
80	S			S							S						
100	S			S							S						
120	L			S							S						
140				S							S						
180				S							S						
200				S							S						
Sat. sol.	20	S	L	S						S	S						
40	S		S	S						S							
60	S		S	S						S							
80	S		S	S						S							
100	S		S	S						S							
120	L		S	S						S							
140				S						S							
180				S						S							
200				S						S							

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
212	Hydrogen sulphide, aqueous (cont'd)	7783-06-4			tg-g	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	L		L	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
213	Hydrogen sulphide, dry gas	7783-06-4		-61	tg-g	20	S	L	S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
214	Hydroquinone	123-31-9	170	286 (730 mm)	Sat. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
215	Hypochlorous acid	7790-92-3			Sat. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
215	Hypochlorous acid (cont'd)	7790-92-3			70	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	L		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
216	Iodine (in potassium iodine)				Sat. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	L		S	S	S	
						80			S	S	S	
						100			S	S	S	
						120				S	S	
						140				S	S	
						180				S	S	
						200				S	S	
217	Iodine, in alcohol	7553-56-2	114	183	Work. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80			S	S	S	
						100			S	S	S	
						120				S	S	
						140				S	S	
						180				S	S	
						200				S	S	
218	Isobutyl alcohol	78-83-1	-108	108	tg-l	20	S	S	S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
					tg-g	120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS	
219	Isobutyronitrile	78-82-0		107	tg-l	20	S		S	S	S		
						40	L		S	S	S		
						60	L		L	S	S		
						80			L	S	S		
						100				S	S		
						tg-g	120				S	S	
							140				S	S	
							180				S	S	
							200				S	S	
						220	Isooctane	26635-64-3		99	tg-l	20	S
40	S		S	S	S								
60	S		S	S	S								
80	S		S	S	S								
tg-g	100	S		S	S							S	
	120	S			S							S	
	140				S							S	
	180				S							S	
200				S	S								
221	Isopropyl acetate	108-21-4	-73	90	tg-l							20	L
						40	L		S	S	S		
						60	L		L	S	S		
						80	L			S	S		
						tg-g	100	L			S	S	
							120				S	S	
							140				S	S	
							180				S	S	
						200				S	S		
						222	Isopropyl alcohol	67-63-0	-90	82	tg-l	20	S
40	S	S	S	S	S								
60	S	S	S	S	S								
80	L		S	S	S								
tg-g	100	L		S	S							S	
	120	L		S	S							S	
	140				S							S	
	180				S							S	
200				S	S								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS							
223	Isopropyl ether	108-20-3		68	tg-l	20	L		S	S	S								
						40	L		L	S	S								
						60	L		L	S	S								
						80	NS			S	S								
													100	NS		S	S		
													120	NS		S	S		
													140			S	S		
													180			S	S		
						200			S	S									
224	Kerosene	8008-20-6		150 to 250	Work. sol.	20	S	S	S	S	S								
						40	S	S	S	S	S								
						60	S	S	S	S	S								
						80	S	S	S	S	S								
						100	S		S	S	S								
						120	S		S	S	S								
						140			S	S									
						180			S	S									
						200			S	S									
225	Lactic acid	50-21-5	18	119	10	20	S	S	S	S	S	S							
						40	S	S	S	S	S	S							
													60	S	S	S	S	S	S
													80	L	S	S	S	S	
													100	L		S	S	S	
													120			S	S	S	
													140			S	S		
													180			S	S		
						200			S	S									
						28					20	S	S	S	S	S			
											40	S	S	S	S	S			
											60	S	S	S	S	S			
											80	L	S	S	S	S			
											100	L		S	S	S			
											120	L		S	S	S			
140			S	S															
180			S	S															
200			S	S															

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
225	Lactic acid (cont'd)	50-21-5	18	119	90	20	S		S	S	S	
				(12 mm)		40	S		S	S	S	
						60	S		S	S	S	
						80	L		S	S	S	
						100	L		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					tg-l	20	S		S	S	S	
						40	S		S	S	S	
						60	L		S	S	S	
						80	L		S	S	S	
						100	L		S	S	S	
					tg-g	120			S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
226	Lanolin	8006-54-0			Work. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
227	Lauryl chloride	112-52-7	-25	243	Sat. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
228	Lead acetate	6080-56-4	75		Dil. sol.	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
229	Lead tetraethyl (dec. at 200°C)	78-00-2			tg-l	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
230	Linseed oil				Work. sol.	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	L	S	S	S	
						80	S	L	S	S	S	
						100	S	L	S	S	S	
						120	S	L	S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
231	Magnesium carbonate	546-93-0			Susp.	20	S	S	S	S	S	
		5145-48-2				40	S	S	S	S	S	
		14457-83-1				60	S	S	S	S	S	
		61042-72-6				80	S	S	S	S	S	
						100	L		S	S	S	
						120	L		S	S	S	
						140			S	S		
						180			S	S		
	200			S	S							

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
232	Magnesium chloride	7786-30-3			Sat. sol.	20	S	S	S	S	S	
						40	S	S	S	S	S	
		60				S	S	S	S	S		
		80				S	S	S	S	S		
		100				L		S	S	S		
		120				L		S	S	S		
		140							S	S		
		180							S	S		
		200							S	S		
		50			20	S		S	S	S		
		40			S		S	S	S			
		60			S		S	S	S			
		80			S		S	S	S			
		100			L		S	S	S			
		120			L		S	S	S			
		140						S	S			
		180						S	S			
		200						S	S			
		233			Magnesium hydroxide	1309-42-8			Sat. sol.	20	S	S
40	S		S	S						S	S	
60	S		S	S						S	S	
80	L		S	S						S	S	
100	L			S						S	S	
120	L			S						S	S	
140										S	S	
180										S	S	
200										S	S	
234	Magnesium nitrate	13446-18-9			Sat. sol.	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	L	S	S	S	S	
						100	L		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS						
235	Magnesium sulphate	14168-73-1			Sat. sol.	20	S	S	S	S	S							
						40	S	S	S	S	S							
						60	S	S	S	S	S							
						80	S	S	S	S	S							
						100	L		S	S	S							
						120	L		S	S	S							
						140				S	S							
						180				S	S							
						200				S	S							
236	Maleic acid (dec. at 160°C)	110-16-7	131		Sat. sol.	20	S		S	S	S							
						40	S		S	S	S							
						60	S		S	S	S							
						80	S		S	S	S							
						100	L		S	S	S							
						120	L		S	S	S							
						140				S	S							
						180				S	S							
						200				S	S							
						50	20	S		S	S	S						
						40	S		S	S	S							
						60	S		S	S	S							
						80	S		S	S	S							
						100	L		S	S	S							
						120				S	S							
						140				S	S							
						180				S	S							
						200				S	S							
						237	Malic acid (subl.)	110-16-7	136		Sol.	20	S		S	S	S	
												40	S		S	S	S	
60	S		S	S	S													
80	S		S	S	S													
100	L		S	S	S													
120	L			S	S													
140				S	S													
180				S	S													
200				S	S													

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
237	Malic acid (subl.) (cont'd)	110-16-7	136		Sat. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	L		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
238	Margarine				Work. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
239	Mayonnaise				Work. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
240	Mercuric chloride	7487-94-7			Sat. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
241	Mercuric cyanide	592-04-1			Sat. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	L		S	S	S	
						100	L		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
242	Mercurous nitrate	14836-60-3			Sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	L		S	S	S	
						100	L		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					Sat. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	L		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
243	Mercury	7439-97-6			tg-l	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
244	Mercury (II) chloride (see 240)											
245	Mercury (II) cyanide (see 241)											

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS					
246	Mesityl oxide	141-79-7	-59	131	Work. sol.	20	S		S	S	S						
						40	L		L	S	S						
						60	NS		NS	S	S						
						80				S	S						
						100				S	S						
						120				S	S						
						140				S	S						
						180				S	S						
						200				S	S						
247	Methane	74-82-8	-182	-161	tg-g	20	S	S	S	S	S						
						40	S		S	S	S						
						60	S		S	S	S						
						80	S		S	S	S						
						100	S		S	S	S						
						120	S		S	S	S						
						140			S	S							
						180			S	S							
						200			S	S							
248	Methyl acetate	79-20-9	-98	57	tg-l	20	S		S	S	S						
						40	L		S	S	S						
						60	NS		NS	S	S						
											80				S	S	
											100				S	S	
											120				S	S	
											140				S	S	
											180				S	S	
											200				S	S	
249	Methyl alcohol	67-56-1	-97	65	5	20	S	S	S	S	S						
						40	L	S	S	S	S						
						60	L	S	S	S	S						
						80			S	S	S						
						100			S	S	S						
						120			S	S	S						
						140			S	S							
						180			S	S							
						200			S	S							
											20	S		S	S	S	S
											40	L		S	S	S	S
											60	L		S	S	S	S
											80			S	S	S	
											100			S	S	S	
											120			S	S	S	
						140			S	S							
						180			S	S							
						200			S	S							

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS			
250	Methyl bromide	74-83-9	-94	4	tg-g	20	S	S	S	S	S	S			
						40	S	S	S	S	S	S			
						60	S	S	S	S	S	S			
						80	S	S	S	S	S	S			
						100	S		S	S	S				
						120	S		S	S	S				
						140	L		S	S	S				
						180				S	S				
						200				S	S				
251	Methyl butyl ketone	591-78-6	-57	127	tg-l	20	L		S	S	S				
						40	L		S	S	S				
						60			NS	S	S				
						80				S	S				
						100				S	S				
						120				S	S				
						140				tg-g			S	S	
						180							S	S	
						200							S	S	
252	Methyl-cyclohexanones	583-60-8		162 to 169	tg-l	20	L		S	S	S				
						40	L		S	S	S				
						60	NS		NS	S	S				
		589-92-4				80				S	S				
						100				S	S				
						120				S	S				
		591-24-2				140				S	S				
						180				tg-g			S	S	
						200							S	S	
253	Methyl ethyl ketone	78-93-3	-86	80	tg-l	20	NS	NS	S	S	S				
						40	NS	NS	S	S	S				
						60	NS	NS	L	S	S				
						80	NS		NS	S	S				
						100	NS		NS	S	S				
						120	NS		NS	S	S				
						140				S	S				
						180				S	S				
						200				S	S				
254	Methyl glycol	109-86-4	-85	124	Work. sol.	20	S		S	S	S				
						40	S		S	S	S				
						60	S		S	S	S				
						80	L		S	S	S				
						100			S	S	S				
						120			S	S	S				
						140				S	S				
						180				S	S				
						200				S	S				

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS	
255	Methyl methacrylate	80-62-6		100	tg-l	20	L		L	S	S		
						40	L		L	S	S		
						60			NS	S	S		
						80			NS	S	S		
						100			NS	S	S		
						tg-g	120			NS	S	S	
							140				S	S	
							180				S	S	
							200				S	S	
256	Methyl sulphate	77-78-1	-32	188	Work. sol.	20	S		S	S	S		
						40	S		S	S	S		
						60	S		S	S	S		
						80	S		S	S	S		
						100	S		S	S	S		
						120	S		S	S	S		
						140	S		S	S	S		
						180				S	S		
						200				S	S		
257	Methyl sulphonic acid (dec.)	75-75-2	-30		tg-l	20	S		S	S	S		
						40	S		S	S	S		
						60	S		S	S	S		
						80	L		S	S	S		
						100			L	S	S		
						120			NS	S	S		
						140				S	S		
						180				S	S		
						200				S	S		
258	Methylamine	74-89-5	-93	6	Up to 32	20	NS		S	S	S	S	
						40	NS		L	S	S	S	
						60	NS		NS	S	S	S	
						80	NS		NS	S	S		
						100	NS		NS	S	S		
						120	NS		NS	S	S		
						140				S	S		
						180				S	S		
						200				S	S		

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS					
259	Methylene chloride	75-09-2	-97	40	tg-l	20	L	NS	NS	S	S						
						40	L	NS	NS	S	S						
						60	NS		NS	S	S						
											80	NS		NS	S	S	
											100	NS		NS	S	S	
											120			NS	S	S	
											140				S	S	
											180				S	S	
											200				S	S	
260	Milk				Work. sol.	20	S	S	S	S	S						
						40	S	S	S	S	S						
						60	S	S	S	S	S						
						80	S	S	S	S	S						
						100	S	S	S	S	S						
						120	S	S	S	S	S						
						140				S	S						
						180				S	S						
						200				S	S						
261	Mineral oils (free from aromatics)				Work. sol.	20	L	S	S	S	S						
						40	L	S	S	S	S						
						60	L	S	S	S	S						
						80	L	S	S	S	S						
						100	L		S	S	S						
						120	L		S	S	S						
						140				S	S						
						180				S	S						
						200				S	S						
262	Molasses				Work. sol.	20	S		S	S	S	S					
						40	S		S	S	S	S					
						60	S		S	S	S	S					
						80	S		S	S	S	S					
						100	S		S	S	S	S					
						120	S		S	S	S	S					
						140				S	S						
						180				S	S						
						200				S	S						
263	Mustard, aqueous				Work. sol.	20	S		S	S	S						
						40	S		S	S	S						
						60	S		S	S	S						
						80	S		S	S	S						
						100	S		S	S	S						
						120	S		S	S	S						
						140				S	S						
						180				S	S						
						200				S	S						

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS				
264	Naphtha				Work. sol.	20	S	S	S	S	S					
						40	S	S	S	S	S					
						60	S	S	S	S	S					
						80	L		S	S	S					
						100	L		S	S	S					
						120	L		S	S	S					
						140				S	S					
						180					S	S				
						200						S				
265	Naphthalene	91-20-3	80	218	Work. sol.	20	S	NS	S	S	S	S				
						40	S		S	S	S	S				
						60	S		S	S	S	S				
						80	S		S	S	S	S				
						100	NS		S	S	S					
						120	NS		S	S	S					
						140			S	S	S					
						180				S	S					
						200					S	S				
266	Nickel acetate	373-02-4			Sat. sol.	20	S		S	S	S					
						40	S		S	S	S					
						60	S		S	S	S					
										80	S		S	S	S	
										100	S		S	S	S	
										120	S		S	S	S	
										140				S	S	
										180					S	S
										200					S	S
267	Nickel chloride	7718-54-9			Sat. sol.	20	S	S	S	S	S					
						40	S	S	S	S	S					
						60	S	S	S	S	S					
										80	S	S	S	S	S	
										100	S		S	S	S	
										120	S		S	S	S	
										140				S	S	
										180					S	S
										200					S	S
268	Nickel nitrate	13138-45-9			Sat. sol.	20	S		S	S	S					
						40	S		S	S	S					
										60	S		S	S	S	
										80	S		S	S	S	
										100	L		S	S	S	
										120	L		S	S	S	
										140				S	S	
180					S	S										
200						S										

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS	
269	Nickel sulphate	7786-81-4			Sat. sol.	20	S	NS	S	S	S		
						40	S		S	S	S		
						60	S		S	S	S		
						80	S		S	S	S		
						100	S		S	S	S		
						120	L		S	S	S		
						140				S	S		
						180				S	S		
						200				S	S		
270	Nicotin acid	59-67-6	236		Susp.	20	S		S	S	S		
						40	S		S	S	S		
						60	S		S	S	S		
						80	S		S	S	S		
						100	S		S	S	S		
						120	S		S	S	S		
						140				S	S		
						180				S	S		
						200				S	S		
271	Nitric acid	7697-37-2			5	20	S		S	S	S		
						40	S		S	S	S		
						60	S		S	S	S		
						80	S		S	S	S		
						100	L		S	S	S		
						120	L		S	S	S		
						140				S	S		
						180				S	S		
						200				S	S		
						10	20	S		S	S	S	
							40	S		S	S	S	
							60	S		S	S	S	
					80		S		S	S	S		
					100		L		S	S	S		
					120		L		S	S	S		
					140					S	S		
					180					S	S		
					200					S	S		
					20		20	S		S	S	S	
							40	S		S	S	S	
							60	S	L	S	S	S	
						80	S		S	S	S		
						100	L		S	S	S		
						120	L		S	S	S		
140				S		S							
180				S		S							
200				S	S								

STANDARDSISO.COM · Click to view the full PDF of ISO/TR 10358:2021

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
271	Nitric acid (cont.d)	7697-37-2			25	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	L		S	S	S	
						120	L			S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					30	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	L		S	S	S	
						120	L			S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					35	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	L		S	S	S	
						100	L		S	S	S	
						120	L			S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					40	20	S	L	S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	L		S	S	S	
						100	L		S	S	S	
						120	L			S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					45	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	L		L	S	S	
						100	L		L	S	S	
						120	L		NS	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS					
271	Nitric acid (cont.d)	7697-37-2			50	20	S		S	S	S						
						40	S		S	S	S						
						60	S		S	S	S						
						80	L		L	S	S						
						100	L		L	S	S						
						120			NS	S	S						
						140				S	S						
						180				S	S						
						200				S	S						
						60	20	S		S	S	S					
					40	S		S	S	S							
					60	S		S	S	S							
					80	L		NS	S	S							
					100	NS			S	S							
					120	NS			S	S							
					140				S	S							
					180				S	S							
					200				S	S							
					272	Nitric acid, fuming (with nitrogen dioxide)				85	20	NS		S	S	S	
											40	NS		S	S	S	
60	NS		L	S							S						
80	NS		L	S							S						
100	NS		NS	S							S						
120			NS	S							S						
140				S							S						
180				S							S						
200				S							S						
20	NS		L	S							S						
40			L	S							S						
60			NS	S							S						
80				S	S												
100				S	S												
120				S	S												
140				S	S												
180																	
200																	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
273	Nitrobenzene	98-95-3	6	210	tg-l	20	S	NS	S	S	S	
						40	S		S	S	S	
						60	NS		L	S	S	
						80	NS			S	S	
						100				S	S	
						120				S	S	
						140				S	S	
						180				S	S	
						200				S	S	
274	Nitromethane	75-52-5	-29	101	tg-l	20	S	NS	S	S	S	S
						40	S		S	S	S	S
						60	NS		S	S	S	
						80			S	S	S	
						100				S	S	NS
					tg-g	120				S	S	
						140				S	S	
						180				S	S	
						200				S	S	
275	Oleic acid	112-80-1	16	286	tg-l	20	S	S	S	S	S	
				(100m m)		40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100	S		S	S	S	
						120	L		S	S	S	
						140			S	S	S	
						180				S	S	
						200				S	S	
276	Oleum					20	NS	NS	S	S	S	
						40			NS	S	S	
						60			NS	S	S	
						80			NS	S	S	
						100			NS	S	S	
						120			NS	S	S	
						140				S	S	
						180						
						200						
277	Olive oil				Work. sol.	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140			S	S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
278	Orthophosphoric acid (see 295)											
279	Oxalic acid (subl.)	6153-56-6	102		Dil. sol.	20	S		S	S	S	
		144-62-7				40	S		S	S	S	
						60	S			S	S	
						80	S			S	S	
						100	L			S	S	
						120	L			S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					Sat. sol.	20	S	S	S	S	S	
						40	S		S	S	S	
						60	L			S	S	
						80	L			S	S	
						100	NS			S	S	
						120				S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					50	20	S		S	S	S	
						40	S		S	S	S	
						60	S			S	S	
						80	S			S	S	
						100	L			S	S	
						120	L			S	S	
						140				S	S	
						180				S	S	
						200				S	S	
280	Oxygen, gas	7782-44-7			tg-g	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
281	Ozone, gas	10028-15-6			Sat. sol.	20	L		S	S	S	
						40	L		S	S	S	
						60	L		S	S	S	
						80			S	S	S	
						100			S	S	S	
						120				S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					tg-g	20	L		S	S	S	
						40	L		S	S	S	
						60	NS		S	S	S	
						80			S	S	S	
						100			S	S	S	
						120				S	S	
						140				S	S	
						180				S	S	
						200				S	S	
282	Paraffin				tg-l	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		L	S	S	
						100	S			S	S	
						120				S	S	
						140				S	S	
						180				S	S	
						200				S	S	
283	Paraffin oil (F65)	8012-95-1			tg-l	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S	S	S	S	S	
						100	S		S	S	S	
						120	S			S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
284	Peanut oil				Work. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
285	Pentane	109-66-0	-131	36	Work. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
286	Peppermint oil				Work. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	S		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
287	Perchloroethylene	127-18-4	-22	121	Work. sol.	20	S		S	S	S	
						40	S		L	S	S	
						60	L		L	S	S	
						80	L		NS	S	S	
						100	L			S	S	
						120	L			S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
288	Perchloric acid	7601-90-3	-112	39	10	20	S	NS	S	S	S	
				(56 mm)		40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S			S	S	
						120	L			S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					(2N) 20	20	S		S	S	S	
						40	S		S	S	S	
						60	S		L	S	S	
						80	S		L	S	S	
						100	S			S	S	
						120	L			S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					70	20	S	NS	S	S	S	
						40	S		S	S	S	
						60	S		L	S	S	
						80	S		L	S	S	
						100	S			S	S	
						120	L			S	S	
						140				S	S	
						180				S	S	
						200				S	S	
289	Petrol (aliphatic hydrocarbon / benzene)				80/20	20	S	S	S	S	S	
						40	S	S	S	S	S	
						60	S	S	S	S	S	
						80	S		S	S	S	
						100	S		s	S	S	
						120	S			S	S	
						140				S	S	
						180				S	S	
						200				S	S	

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS	
290	Petroleum ether (ligroin)	8032-32-4			Work. sol.	20	S		S	S	S		
						40	S		S	S	S		
						60	S		S	S	S		
						80	S		S	S	S		
						100	S		S	S	S		
						120	S			S	S		
						140					S	S	
						180					S	S	
						200					S	S	
291	Phenol	108-95-2	41	182	Sol.	20	L			S	S		
						40	L			S	S		
						60	L			S	S		
						80	L			S	S		
						100	NS			S	S		
						120	NS			S	S		
						140				S	S		
						180				S	S		
						200				S	S		
						5	20	S		S	S	S	
						40	S			S	S	S	
						60	L			S	S	S	
						80	L			S	S	S	
						100	NS			S	S	S	
						120	NS			S	S		
						140				S	S		
						180				S	S		
						200				S	S		
						50	20	S		S	S	S	
						40	S			S	S	S	
						60	L			S	S	S	
80	L			S	S	S							
100	NS			S	S	S							
120	NS			S	S								
140				S	S								
180				S	S								
200				S	S								

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
291	Phenol (cont.d)	108-95-2	41	182	90	20	S	NS	S	S	S	
						40	S		S	S	S	
						60	L		S	S	S	
						80	NS		S	S	S	
						100	NS		S	S	S	
						120	NS			S	S	
						140				S	S	
						180				S	S	
						200				S	S	
					tg-l	20	S		S	S	S	
						40	L		S	S	S	
						60	L		S	S	S	
						80	NS		NS	S	S	
						100	NS		NS	S	S	
						120	NS		NS	S	S	
						140				S	S	
						180				S	S	
					tg-g	200				S	S	
292	Phenylhydrazine (dec.)	100-63-0	20	243	tg-l	20	S		S	S	S	
						40	S		S	S	S	
						60	L		L	S	S	
						80	L		NS	S	S	
						100	L		NS	S	S	
						120	NS		NS	S	S	
						140				S	S	
						180				S	S	
						200				S	S	

STANDARDSISO.COM: Click to view the full PDF of ISO/TR 10358:2021

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS				
293	Phenylhydrazine hydrochloride (subl.)	59-88-1	240		Dil. sol.	20	S		S	S	S					
		27140-08-5				40	S		S	S	S					
						60	L		S	S	S					
						80			L	S	S					
						100			NS	S	S					
						120				S	S					
						140				S	S					
						180				S	S					
						200				S	S					
						97	20	S		S	S	S				
					40	S		S	S	S						
					60	L		S	S	S						
					80			L	S	S						
					100			NS	S	S						
					120				S	S						
					140				S	S						
					180				S	S						
					200				S	S						
		294			Phosphine	7803-51-2	-134	-88	tg-g	20	S		S	S	S	
										40	S		S	S	S	
60				S						S	S					
80				S						S	S					
100										S	S					
120										S	S					
140										S	S					
180										S	S					
295	Phosphoric acid	7664-38-2	42		Up to 50	20	S	S	S	S	S					
						40	S	S	S	S	S					
						60	S	S	S	S	S					
						80	S	S	S	S	S					
						100	S	S	S	S	S					
						120	L		S	S	S					
						140				S	S					
						180				S	S					
200				S	S											

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
295	Phosphoric acid (cont.d)	7664-38-2	42		50 to 75	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
						75 to 85	20	S		S	S	S
					40	S		S	S	S		
					60	S		S	S	S		
					80	S		S	S	S		
					100	S		S	S	S		
					120	L		S	S	S		
					140				S	S		
					180				S	S		
					200				S	S		
					98	20	S		S	S	S	
					40	S		L	S	S		
60	S		NS	S	S							
80	S			S	S							
100	S			S	S							
120	L			S	S							
140				S	S							
180				S	S							
200				S	S							
296	Phosphorus (III) chloride	10026-13-8	-92	75	tg-l	20	S		S	S	S	
						40	L		S	S	S	
						60	L		L	S	S	
						80	NS			S	S	
					100				S	S		
					120				S	S		
					140				S	S		
					180				S	S		
200				S	S							

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
297	Phosphorus oxychloride	10025-87-3	1	105	tg-l	20	S		S	S	S	
						40	L		L	L	L	
						60	NS		NS			
						80	NS					
						100						
						120						
						140						
						180						
						200						
						298	Phthalic acid	88-99-3	208		Susp.	20
40	S		S	S	S							
60	S		S	S	S							
80	L		S	S	S							
100	L		S	S	S							
120	NS		S	S	S							
140				S	S							
180				S	S							
200				S	S							
299	Picric acid (subl.)	88-89-1	122		Sat. sol.							20
						40	S			S	S	
						60	S			S	S	
						80	L			S	S	
						100	L			S	S	
						120				S	S	
						140				S	S	
						180				S	S	
						200				S	S	
						300	Potassium aluminium sulphate (see 21)				10	20
40	S			S	S							
60	S			S	S							
80	L			S	S							
100	L			S	S							
120	L			S	S							
140				S	S							
180				S	S							
200				S	S							

No.	Chemical	CAS Nr.	m.p.°C	b.p.°C	Concentration %	T °C	PVDF	PSU	ECTFE	PFA	PTFE	PPS
301	Potassium bicarbonate	7778-50-9			Sat. sol.	20	S	S	S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
302	Potassium bichromate (see 314)											
303	Potassium bisulphate	7646-93-7			Sat. sol.	20	S	S	S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
304	Potassium borate	12712-38-8			Sat. sol.	20	S		S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	
305	Potassium bromate	7758-01-2			Sat. sol.	20	S	S	S	S	S	
						40	S		S	S	S	
						60	S		S	S	S	
						80	S		S	S	S	
						100	S		S	S	S	
						120	L		S	S	S	
						140				S	S	
						180				S	S	
						200				S	S	